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35572 **ROUTES**  
IN THE  
**CENTRAL PROVINCES DISTRICT.**

**GENERAL STAFF, INDIA.**



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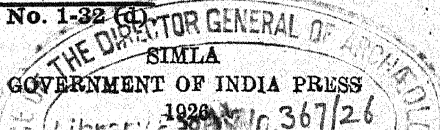
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# ROUTES

IN THE

## CENTRAL PROVINCES

### DISTRICT.

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#### Route No. III.

FROM KANERGAON TO NEEMUCH.

*Length 440 m. 2 f.*

*41 Marches.*

*Authority and date (month and year).—Colonel Commandant  
21st Indian Infantry Brigade, Jubbulpore.*

*Epitome.*—General direction N. N. W. From Kanergaon to Akot the road is metalled, and nalas, with the exception of the Purna River are either bridged or paved; in the latter case they are occasionally impassable for a few days after heavy rain; the Purna River (stage 8) is crossed by a Ferry Boat (capacity 2 carts) in the rains and by a temporary bridge from November onwards. Between Akot and Kaknur is a fair-weather track, running through hilly jungle from Jiri Bazar onwards; from Akot to Burhanpur the road is again metalled, the Tapti at Burhanpur being crossed by 2 boats (capacity 3 carts each) in the rains, and by a paved causeway from November onwards; the next two marches to Borgaon are bad, but from here on through Mhow to Neemuch the road is metalled and fit for motors. Retain river 10 miles from Neemuch crossed by Causeway passable in cold weather but impassable in rains. Surface is poor and very slippery. Care must be taken in crossing this and all other causeways.

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	RESIDENT AT HYDERABAD.		
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.			
		1	
		10 m. 4 f.	
		2	
		23 m. 4 f.	
		3	
		31 m.	

## KANERGAON.—

A small village.

*b., p. o.**Camping Ground.*—50 acres E. of village, on right bank of Penganga R.*Water.*—Unlimited from river and 8 wells.*Supplies.*—On notice.*Fuel and grass.*—Nil.

From Fort St. George in 56 stages, distance 609 m. (see Vol. IX of 1912).

BASIM.—10 m. 4 f. Road metalled and bridged.  
*b., p. o., t. s.*

Headquarters of a Sub-Divisional Magistrate

and Tehsildar.

*Camping Ground.*—About 48 acres N. of town, another S. of town.*Water.*—About 300 wells altogether. Difficulty after two successive years of bad rainfall.*Supplies.*—On notice.

Main Route VII crosses and routes 3 and 6 join here.

MALEGAON.—13 m. Road metalled and bridged.  
*b., p. o.**Camping Ground.*—6 acres, private, W. of village, can be extended.*Water.*—14 wells.*Supplies.*—On notice. No fodder locally.MEDSI.—7 m. 4 f. Road metalled and bridged.  
*b., p. o., t. s.**Camping Ground.*—About 9 acres, E. of village.*Water.*—10 wells.*Supplies.*—On notice (about one month).*Fodder.*—Scarce.



AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.	4	<p>PATUR.—9 m. 4 f. Road metalled and bridged.  <i>b., p. o., t. s.</i> A village of 5,500 with  dispensary and police  station.  <i>Camping Ground.</i>—Round <i>b.</i> for one regiment.  <i>Water.</i>—One well in <i>b.</i> compound, three more  within 200 yds.  <i>Supplies.</i>—For one Indian Regiment, unlimited,  at 1 month's notice. Ample fodder and grass.</p>
		40 m. 4 f.	
		5	
		50 m. 4 f.	
		6	
		60 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.		7	<p><i>Camping Ground.</i>—About 21 acres, near station and bungalow.</p> <p><i>Water.</i>—Two wells near C. G., an anicut in river 2 m. distant for animals.</p> <p><i>Supplies.</i>—Unlimited. Grass scarce and requires previous notice.</p>
		70 m. 4 f.	<p>WAGOLI.—10 m. Country cultivated. Road bridged and metalled in good order. Numerous wells along road.</p> <p><i>Camping Ground.</i>—About 3 acres, S. of Purna R. by b.</p> <p><i>Water.</i>—From Purna R. 300 yds. distant, no well.</p> <p><i>Supplies.</i>—At one month's notice from Akola.</p>
		80 m. 4 f.	<p>PATSUL.—10 m. Cross the Purna river at starting by a temporary bridge from the middle of November till June, by a Ferry Boat, capacity two carts in the rains. Shahoor nulla holds up traffic for a day or so during heavy rains. Road metalled and in good repair with Irish bridges at nalas. Country flat, fully cultivated, black cotton soil. Patsul village with b. lies <math>\frac{3}{4}</math> m. W. of road.</p> <p><i>Camping Ground.</i>—At the junction of the Akola and Shegaon roads by M. S. 20 from Akola, chiefly under plough.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR,		<p><i>Water</i>.—One well, on C. G., others in village.  <i>Supplies</i>.—At one month's notice from Akola.  Minor route 2 joins here.</p>
		9	<p>AKOT.—8 m. A town of 5,000 inhabitants, p. o., t. s. Headquarters of Tahsil, dispensary and vety. hos</p>
		88 m. 4 f.	<p>pital. Country and road as for last stage  Numerous wells by road side.  <i>Camping Ground</i>.—Just W. of municipal bungalow for 2 regiments.  <i>Water</i>.—Unlimited, one well on C. G., one in municipal bungalow compound, others near.  <i>Supplies</i>.—On hand for one Indian regiment. Unlimited on notice.  Minor route 2 to Ellichpur (4 marches) and Kamptee (15 marches) diverges here.  A road also runs due N. through the Melghat to Halisal (route 12); it is moorumed and bridged for 34 miles; further on the road is a fair weather track.</p>
		10	<p>JIRI BAZAR.—16 m. Country cultivated, black (Dinan Jiri on Ordnance Survey). cotton soil, well wooded, with numerous wells. Road a country track, level for 13 m. Gradual ascent last 3 m. At 3 m. Banaoli; at 4 m. Pipal Poota; at 6m. Chota Argaoon; at 8 m. Argaoon (large village with space for C. G. and supplies); at 13 m. Kandala; at 15 m. Chinchli. Jiri Bazar consists of a dozen huts; Jiri, a small village lies <math>\frac{1}{2}</math> m. W.</p>
		1 m. 4 f.	<p><i>Camping Ground</i>.—200 yds. W. of Jiri Bazar; room for 2 regiments, more room when crops are cut.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
DEPUTY COMMISSIONER OF MELGHAT	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p><i>Water.</i>—Stream and well; small pond with per-ennial spring.</p> <p><i>Supplies.</i>—<i>Nil</i> on hand. One month's notice required. Unlimited grass and fuel from jungle. Guides should be taken from here to Kaknor.</p>
		11	<p>DULGHAT.—14 m. Country hilly with thick (<i>Choki on Ordnance Survey</i>) jungle. Road, a cleared and graded forest track, sandy in places. Ascend for 4 m. along edge of gorge; at 5½ m. Baran nala, perennial; at 6 m. Bara-khera (¾ m. right) some cultivation; at 7 m. old site of Talai.</p> <p>At Dulghat is a forest guard's hut only.</p> <p><i>Camping Ground.</i>—On N. bank of Manjiri river.</p> <p><i>Water.</i>—From river (perennial).</p> <p><i>Supplies.</i>—At one month's notice.</p>
		118 m. 4 f.	
		12	<p>BARAOTI.—8 m. Country hilly with thick jungle. Road, a very rough track with steep approaches to nalas; wheeled traffic takes about 5 hrs. on this march. At 2 m. cross Dulghat nala and sharp ascent for ½ m.; at 3½ m. Jam Paninala (perennial).</p> <p><i>Camping Ground.</i>—For 1 bde. E. and S. of village.</p> <p><i>Water.</i>—Nala just N. of village, and one well.</p> <p><i>Supplies.</i>—<i>Nil</i> on hand. One month's notice required. Ample grass and firewood.</p>
		126 m. 4 f.	
		13	<p>KAKNUR.—8½ m. Country jungle for 5 m., b., p. o. (4 times weekly). clearings at intervals, then flat and cultivated. Road, metalled with, gradual descent all</p>
		135 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
DEPUTY COMMISSIONER OF NIMAR AT KHANDWA.  GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.			<p>the way. At <math>2\frac{1}{4}</math> m. very bad approach to Baratanda village; at 3 m. Manigarh <math>\frac{3}{4}</math> m. left; at 5 m. Sheikhapur and cross a stream, impassable for two days after heavy rain.</p> <p><i>Camping Ground.</i>—S. of road near b.; rough.</p> <p><i>Water.</i>—Stream, several wells (guinea worm prevalent).</p> <p><i>Supplies.</i>—On hand for 200 Indian troops. One month's notice for larger quantities. Ample grass and firewood.</p>
		14	<p>SIRPUR.—13 m. 2 f. Country flat, fully cultivated, black cotton soil.</p> <p><i>b., p. o. (daily).</i> Road metalled, nalas paved. At <math>3\frac{1}{4}</math> m. Dasba; at <math>6\frac{1}{4}</math> m. Karkera; at 8 m. Daifodia; at <math>10\frac{3}{4}</math> m. Talao; at <math>11\frac{1}{4}</math> m. Shikarpur.</p> <p><i>Camping Ground.</i>—For one Infy. Bde. along river; bank of river E. of bungalow requires clearing.</p> <p><i>Water.</i>—Utaoli river (perennial), and 2 wells.</p> <p><i>Supplies.</i>—On hand for 200 Indian troops. One month's notice for larger quantities. Grass and firewood from Kaknur.</p>
		148 m. 2 f.	
		15	<p>BURHANPUR.—11 m. Country flat, black soil, fully cultivated.</p> <p><i>b., p. o., t. s., r. s.</i> Road metalled, but rough, all nalas paved. Cross Tapi river at end of stage by paved causeway, November to June, by two boats (capacity 3 carts each) in rains. At 4 m. Sinkhera; at 5 m. Borgaon; at <math>5\frac{1}{4}</math> m. Daryapur.</p> <p>Burhanpur has a population of 30,000 and is a large cotton centre with a dispensary and vety.</p>
		159 m. 2 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
DEPUTY COMMISSIONER OF NIMAR AT KHANDWA.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p>hospital. The bungalow is in the Fort 1 m. E. of C. G. and the station is 2 m. W. of C. G.</p> <p><i>Camping Ground.</i>—1 m. W. of town near Mussulman Idgah at junction of station and Bahadar-pur roads, room for 1 bde.</p> <p><i>Water.</i>—Piped supply (abundant) with large stone trough.</p> <p><i>Supplies.</i>—Abundant. About 100 bunnias shops. About 50 cart-loads of grass and fuel respectively are brought into the bazar daily.</p>
		16	ASIRGARH.—17 m. 6 f. Country from Jhiri to Asir jungle. Road from Burhanpur to Jhiri good.
		177 m.	<p>Jhiri to 14<math>\frac{3}{4}</math> m. hilly and rocky and 14<math>\frac{3}{4}</math> to 15<math>\frac{1}{2}</math> m. metalled. At 1 m. pass Sindhipura gate; at 2 m. Bargaon, a suburb of Burhanpur, to left. At 4<math>\frac{1}{4}</math> m. cross Utanli river 100 yards wide, bed muddy, banks easy; cart road to Chandni (<i>r. s.</i>) to right on crossing river. At 5<math>\frac{1}{2}</math> m. dry nala, 50 ft. wide, with steep banks; at 6<math>\frac{1}{2}</math> m. cross railroad; at 7 m. Ninleol; at 8<math>\frac{3}{4}</math> m. Jhiri; at 14<math>\frac{3}{4}</math> m. road to Chandni; at 16 m. village of Asir.</p> <p>A small village; Asirgarh Fort deserted.</p> <p><i>Camping Ground.</i>—1<math>\frac{3}{4}</math> m. N. of village, no shade, waste land, demarcated.</p> <p><i>Water.</i>—Bad. There is a pucca well on the ground.</p> <p><i>Supplies.</i>—No shops; no transport available.</p>
		17	BORGAON.—11 m. 6 f. At 2 fr. cross a nala, <i>p. o., r. s.</i> (DONGARGAON bridged; at 2 m. 3 f. 2 $\frac{3}{4}$ m).
		188 m. 6 f.	cross Pandhar, 25 yds. wide, bed muddy, banks easy, running water in

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF NIMAR AT KHANDWA.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p>dry season. At 2 m. 7 f. cross a small nala ; bridged, bed muddy, banks wooded, at 4 m. 6 f. nala, bridged, stone arch 2 spans 20 ft. ; S. bank high rocky. N. bank easy approach, width 40 ft. ; at 5 m. 6 f. nala, bridged, banks wooded and rocky, bed rocky ; at 6 m. 5 f. a well ; at 8 m. 5 f. Paneri nala, sandy bed, banks wooded 25 ft. wide ; at 10 m. Borgaon ; at 11 m. 2 f. camping ground.</p> <p>Road for last 5 m. in good repair, otherwise hilly and rocky. Dongargaon r. s. 3 m. E.</p> <p><i>Camping Ground.</i>—59 acres between nala and Sukta river. Govt. property (Public Works Department).</p> <p><i>Water.</i>—From Sukta river and wells.</p> <p><i>Supplies.</i>—Available. Transport available.</p> <p>Cross Route 29 Baroda to Kamptee.</p>
		18 202 m. 3 f.	<p>MOKULGAON.—13 m. 5 f. At 1 f. Sukta river (bridged 5 spans 50 ft. 2 spans 8 ft. either side ; bed sandy, at 2 m. 4 f. Kumti nala unbridged, Komthia village to right. At 2 m. 6 f. Bulrampur on left ; at 3 m. made road to Khandwa, 11½ m. to N.-E., branches off to right ; at 5 m. 4 f. Rustumpur ; at 6 m. Piplod ; at 8 m. cross road to Khandwa ; at 9 m. 4 f. cross Abna river, bridged. A small village.</p> <p><i>Camping Ground.</i>—30,800 sq. yds. Civil property ; there are boundary pillars.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
RESIDENT AT INDORE.	DEPUTY COMMISSIONER OF NIMAR AT KHANDWA.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	<p><i>Water</i>.—From 5 wells 30 ft. to 40 ft. deep, nala and river.</p> <p><i>Supplies</i>.—Can be collected (abundant), transport available.</p>
			<p>19 DHAISGAON.—8 m. 1½ f. At 2 f. cross Gangal river, bridged; at 2 m. 2 f. Chaigaon-Makhr, made road to Khandwa branches off to right (distance 9 m.).</p> <p><i>Camping Ground</i>.—380×250 yds. 41 yds. to S. W. Civil property; there are boundary pillars.</p> <p><i>Water</i>.—From river and wells, one pucca. Small amount transport.</p> <p><i>Supplies</i>.—None available.</p>
			<p>20 DHORWA.—9 m. 2 f. At 3 f. cross a branch of the Bakur river at 4 m. 4 f. Bosia; at 8 m. 2 f. short descent, Kudwaka ghat. A small village.</p> <p><i>Camping Ground</i>.—95,000 sq. yds. 660 yds. N. W. Civil property; there are boundary pillars</p> <p><i>Water</i>.—Abundant; well on ground.</p> <p><i>Supplies and transport</i>.—In small quantities; several shops.</p>
			<p>21 SANAWAD.—11 m. 3½ f. At 3 m. 5 f. a short descent Burdawakre ghat; at 5 m. 1 f. Dhungaum. At 5 m. travellers (b.); at 6 m. 5 f. Bhanburud; at 9 m. Banswa.</p>



AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
SECRETARY TO THE A. G. C. IN C. I. AT INDORE.  GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.			<p>A large village, population 4,000, on right bank of Bankur river, with 2 serais for about 80 and 50 men. Cross the Khamgaon road near serai, <i>r. s.</i>, <math>\frac{1}{4}</math> m. to E. near the railway chauki. <i>Camping Ground</i>.—67,200 sq. yds. 1 m. 3 f. N.-W. not demarcated.</p> <p><i>Water</i>.— 9 wells, abundant, transport</p> <p><i>Supplies</i>.— 1 available.</p>
		22	<p>BARWAHA OR BARWAL.—7 m. 4 f. At 3 m. <i>b., p. o., t. s., r. s.</i> 7 f. cross railroad; at 4 m. 2 f. road to Unkarji, branches off to right; at 4 m. 4 f. Mortaka (<i>b.</i>) and railway, <i>t. s.</i></p> <p>The old road to Barwai branches off here; at 4 m. 6 f. cross the Narbada river. (Toll chaukis on S. and N. ends of bridge); at 5 m. 6 f. old road from Mortaka joins on right. A small town. Metalled road through hilly jungle.</p> <p><i>Camping Ground</i>.—6·48 acres 41 yds. W.</p> <p><i>Water</i>.— } Abundant; a small quantity of</p> <p><i>Supplies</i>.— } carriage available.</p>
		238 m. 6 f.	
		23	<p>BULWARA (MUKHTIARA)—10 m. 4 f. Cross <i>b., p. o., t. s., r. s.</i> Mahesar and Mandlesar road near <i>p. o.</i>;</p> <p>at 3 m. 1 f. Bhakhal; at 3 m. 7 f. Buniar; at 8 m. 3 f. Korawad.</p> <p>A small village. (Mukhtiar <i>r. s.</i>).</p> <p><i>Camping Ground</i>.—24·70 acres, about <math>\frac{1}{4}</math> m. N.</p> <p><i>Water</i>.—From 3 wells 37 ft. deep.</p> <p><i>Supplies</i>.—Available.</p>
		249 m. 2 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
SECRETARY TO THE A. G. G. IN CENTRAL INDIA. RESIDENT AT INDORE.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	24	<p>SIMROL.—12 m. 5 f. At 1 m. 3 f. commences ascent of Bor or Balwarika ghat, 3½ f. long; at 5 m. 2 f. cross the Choral river (iron bridge); at 7 m. 3 f. commences ascent of Bhuti or Biakaghat 3 f. long; at 8 m. Bavi; at 8 m. 7 f. cross Chorea nala (bridged); at 9 m. 4 f. commences ascent to Simrol ghat; at 11 m. 7 f. top of ghat. The village of Simrol is about a mile to N.</p> <p><i>Camping Ground.</i>—17·91 acres. 1 m. S.</p> <p><i>Water.</i>—From well on C. G.</p> <p><i>Supplies.</i>—From Indore, Mhow or Balwara. Junction of Indore road.</p>
		261 m. 7 f.	
		25	
		272 m. 5 f.	

MHOW.—10 m. 6 f. At 2 m. 6 f. pass Memdi; b., p. o., t. s., r. s. at 5 m. 8 f. Amba; at 8 m. 3 f. Sutar-kheri; at 9 m. 1 f. Guzarkhera.

A large cantonment, Headquarters of Central Provinces District.

From here cross Main Route VIII from Bombay (31 marches) to Agra (35 marches) and Main Route XII from Jubbulpur (34 marches) to Ahmedabad (21 marches.)

*Camping Ground.*—N. of British Cavalry lines. On race course.

*Water.*— } Abundant.

*Supplies.*— }

## Route No. III.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
POLITICAL AGENT, SOUTHERN STATES OF CENTRAL INDIA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	26	AKOLIA.—7 m. 4 f. At 1 m. cross the Gambhir nala (bridged); at 2 m. 1 f. pass Kambars huts; from 2 m. to 4 m. country cultivated; at 4 m. Bhatkheri; at 4 m. 7 f. Banjaria and Karaudia, at 6 m. 4 f. Pitampur, country covered with low jungle. A small village. A staging <i>b.</i> <i>Camping Ground.</i> —600 yds. N.-E. demarcated. <i>Water.</i> —Well near clump of trees at S. W. corner of camp. <i>Supplies.</i> —A few shops, scarce.
		280 m. 1 f.	
		27	UPRI.—10 m. 1 f. At 5 m. 3 f. Bagdum; at 6 m. 1 f. Mandlaoda; at 7 m. 5 f. Mitwara, at 9 m. 6 f. Ghat Bilode, which is in Holkar's territory. At Ghat Bilode bridge over Chambal River 150 ft. long 40 ft. high 14 spans, made of Iron and Stone. A metalled road runs from Ghat Bilode to Indore, on Route VIII, distance 22 m. A few houses and huts; rest house for native travellers. Country cultivated. <i>Camping Ground.</i> —250×200 yds. 56 yds. E. on left bank of Chambal river demarcated. <i>Water.</i> —Good, from Chambal river. <i>Supplies.</i> —Scarce. Small supply petrol.
		290 m. 2 f.	
		28	NAGDA.—9 m. 4 f. At 4 m. cross the Bagri p. o. nala (bridged) and pass Juada; at 1 m. Saugesra; at 2 m. 2 f. Misauda; at 4 m. 6 f. Kherod; a large village; at 6 m. 15 f. Manasa,
		299 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
POLITICAL AGENT, SOUTHERN STATES OF CENTRAL INDIA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p>a large village ; at 9 m. 1 f. Makini. A small village. Country flat, cultivated.</p> <p><i>Camping Ground.</i>—400 yds. N. E. Dhar State property. 18·05 acres.</p> <p><i>Water.</i>—From Chambal rive. N. edge of C. G.</p> <p><i>Supplies.</i>—Bazar on Mondays, limited.</p>
		29	<p>SADALPUR.—9 m. 3 f. At 1 m. 7 f. pass b. Paukheri ; at 3 m. 4 f. Route XII branches off to N. to Ahmedabad (20 marches), at 4 m. 1 f. cross Mohin nala (bridged). At 5 m. 6 f. Bhagger. 2 f. on the left, country open. A small village.</p> <p><i>Camping Ground.</i>—28·27 acres, 70 yds. S. E. demarcated.</p> <p><i>Water.</i>—From Bagri nala and well on ground. Drinking water from well at Dak Bungalow.</p> <p><i>Supplies.</i>—Scarce.</p>
POLITICAL AGENT IN MALWA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	309 m. 1 f.	
		30	<p>BORALI.—11 m. At 2 f. cross Chambal river (bridged) ; at 2 m. 3 f. pass Sanoli ; and Khajuria ; at 4 m. 3 f. Khaudigar ; at 5 m. 3 f. Khanwan, a large village, 5 f. on the right, Bohinda 4 f. on the left ; at 7 m. 3 f. Ritoda, at 9 m. cross the Dholighatta river (bridged) and pass Chobridge, 3 f. on the right. A small village. Country as above.</p> <p><i>Camping Ground.</i>—24·43 acres, Dhar State property, with boundary pillars.</p> <p><i>Water.</i>—Well on C. G. Ample supply.</p> <p><i>Supplies.</i>—Scarce, small amount of transport available.</p>
		320 m. 1 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
POLITICAL AGENT IN MALWA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	31	SUJLANA.—10 m. 5 f. At 1 m. 6 f. Godgara ; at 4 m. Pitgara ; Dak Bangalow cross the
		330 m. 6 f.	Balwunti river (bridged) at 5 m. 3 f. Badnawar, a large village with a bazar and weekly markets ; Road to Barnagar Rly. Station 10 m. E. ; at 9 m. 2 f. Multhan, a large village with a Bazar. A small village. Country as above.
			<i>Camping Ground.</i> —24·43 acres, 960 yds. S.-W. private property ; there are boundary pillars. <i>Water.</i> —From 3 wells, 30 ft. deep. From well on opposite side of road to camp. <i>Supplies.</i> —Scarce ; 1 shop. <i>Fuel.</i> —Wood. } Obtainable. <i>Fodder.</i> —Grass. }
		32	BHILPANK.—10 m. 2 f. At 1 m. 1½ f. pass r. s. Simloda ; at 2 m. 3 f. Khery ; at 4 m. 5 f.
		341 m.	Lochiara ; at 5 m. 7 f. Tindori ; at 6 m. 6 f. Sarwar. A village 7 f. on the right. The village of Siklia 6 f. on the left. Country undulating ; partly cultivated ; large amount low jungle ; Ry. Station 1 m. E. of Bhilpank. <i>Camping Ground.</i> —25·67 acres, 1,250 yds. W. marked by pillars. <i>Water.</i> —From nala after rains and well on C. G. Water in well at N. W. corner of C. G. reported bad ; well gear broken. Water from nala 400 yds. S. of C. G. <i>Supplies.</i> —Few shops ; scarce.

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
POLITICAL AGENT IN MALWA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	33	<p>RUTLAM.—9 m. 5 f. At 2 m. 5 f. Dharar ; at p. o., t. s., r. s. 7 m. 3 f. Salakheri, 3 f. on the right, boundary open. A large town, population 30,000 about a mile to left, residence of Maharajah, country as above.</p> <p><i>Camping Ground</i>.—17·82 acres, N. near travellers b., demarcated.</p> <p><i>Water</i>.—Abundant, depth of well 25 ft. Drinking water from Rly. Station 1 m. N. of C. G.</p> <p><i>Supplies</i>.—Abundant Transport. available. Junction of the metre gauge and broad gauge lines of Bombay, Baroda and Central India Railway. From Mhow to Nasirabad and from Baroda to Muttra.</p> <p>Route 28 branches off to S. W. to Baroda (16 marches), or to Ahmedabad (18 marches).</p>
		350 m. 5 f.	
		34	
		350 m. 5 f.	

NAMLJ.—9 m. Pass villages of Dasigaon and t. s., r. s. Sejanta (on right), Dhoswa on right bank of large nala, unbridged, and Ambta 3 f. on left.

A moderate-sized village, population 4,000, a metalled road branches off from Namli to the W. to Sailana, 11 m.

*Camping Ground*.—400×200 yds. N., property of Rutlam State. There are boundary pillars. Rly.  $\frac{1}{4}$  m. E. of C. G.

*Water*.—Large square well E. of road opposite M. S. 74 $\frac{1}{2}$  from Neemuch. Supply ample and good.

*Supplies*.—Plentiful. No transport or petrol.

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
POLITICAL AGENT IN MALWA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	35	JAORA.—13 m. At 2 m. 5 f. Mewasa (left b., p. o., t. s., r. s. bank of Gungarta nala); at 4 m. 2 f. Murni river 100 yards wide, banks high, bed stony; at 5 m. 3 f. Pandlia-Hassan (right bank of large nala); at 9 m. Padlia-Omat, 2 f. left; at 10 m. 1 f. Lohari, 2 f. right; at 11 m. 6 f. Kumari; at 12 m. 3 f. Bannakheri, 2 f. left, and at 12 m. 6 f. cross Piria river, 100 ft. wide. A metalled road branches off from Jaora station to the W. to Piplauda 11 m., a town on Piriar river; population 21,000. About $\frac{1}{2}$ m. on right, residence of Nawab. Rly. 300 yds. E. of C. G.
		372 m. 5 f.	<i>Camping Ground.</i> —200×150 yds. N., private property. Not demarcated; irregular; bad ground. <i>Water.</i> —Abundant from 4 wells 15 to 30 ft. deep. Best well in gardens E. of C. G. also well W. of C. G. <i>Supplies.</i> —Abundant. Small amount of transport available; some petrol.
RESIDENT AT GWALIOR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	36	DHODAR.—9 m. 3 f. At 2 m. 4 f. Arnia village b., t. s., r. s., of Bagakhera, 2 f. right; at 5 m. 4 f. Cross Bhutia nala, at 5 m. 6 f. Rinchia. A small village.
		382 m.	<i>Camping Ground.</i> —375×300 yds., 560 yds. N.-W., property of Jaora State demarcated. <i>Water.</i> —Scarce in March, enough for 1 Battery, in a well and nala. Drinking water from well at Dak Bangalow. Animals at stream under Rly. Arch. <i>Supplies.</i> —Small amount of supplies and transport available. No petrol.

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Military.		
RESIDENT AT GWALIOR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	37	<p>BURRA-DILAUDA.—11 m. 4 f. At 2 m. Manb., t. s., r. s. Kheri; at 6 m. 5 f. Akia on right; at 8 m. 6 f. Lak Makheri 2 f. left.</p> <p>A small village. Population about 600. Station <math>\frac{1}{4}</math> m. W. of C. G. Village <math>\frac{1}{2}</math> m. S. of C. G.</p> <p>Camping Ground.—840 yds. N. with 12 boundary pillars, the property of Gwalior State. Surface cultivated.</p> <p>Water.—Plentiful from wells. Best well 100 yds. E. of Road opposite M. S. 40 from Neemuch; 3 wells S. of C. G. one usable. Water in others bad.</p> <p>Supplies.—Moderate, no petrol.</p>
		38	
		393 m. 4 f.	
		404 m.	<p>MANDESOR.—10 m. 4 f. At 4 m. 3 f. Fatchb., p. o., t. s., r. s. garh, on right bank of Samli nala 200 ft. wide; at 6 m. 6 f. Khera 1 f. on right; at 9 m. 2 f. Chandarpura on left, at 9 m. 4 f. Tori on left, and cross Seu river (bridged). A large walled town, partly built on an island in Seu or Subna river. Population 16,000.</p> <p>Camping Ground.—620 <math>\times</math> 400 yds. W. of road. The property of Gwalior State; 12 boundary pillars. Surface good.</p> <p>Water.—Abundant; one well 75 ft. deep. Best well at Dak Bangalow opp. M. S. 30 from Neemuch. Animals at large lake W. of C. G.</p> <p>Supplies.—Abundant; transport available; no petrol.</p>



## Route No. III.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
POLITICAL AGENT IN MALWA AT MANPUR.	RESIDENT AT GWALIOR.	39	<p>PANTH PIPLIA.—10 m. 3 f. At 3 m. 4 f. b., r. s. Bhaniakhera ; at 5½ m. village of Guraris 3 f. on left ; at 7 m. 1 f. Botalgarh ; at 8 m. 1 f. Tharaud 3 f. on right ; at 10 m. 1 f. Honkri, 2 f. on left.</p> <p>A small village. Rly. Station ½ m. E. of C. G. Metalled road to Rly. Station 1 m. N.-E. of C. G.</p> <p><i>Camping Ground.</i>—400×300 yds., 400 yds. S.-W., property of Gwalior State ; 12 boundary pillars. Surface covered with scrub ; nala through centre of C. G.</p> <p>A better place near village of Bai, 3 m. S.-W. from Panth-Piplia road, with shade and plenty of space.</p> <p><i>Water.</i>—Good from 4 wells, 20 ft. deep.</p> <p><i>Supplies.</i>—Scarce.</p>
		414 m. 3 f.	
POLITICAL AGENT IN MALWA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	40	<p>CHALDU.—14 m. 3 f. Pass villages of b. Khotiakheri, Barkhera, Immitod, Salauri (3 f. left) and Malhargarh (large village surrounded by kacha wall in bad repair, travellers b., detachment of sowars here and Molia) ; 10 m. cross Retam river, Chald. Country open.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—400×300 yds. 407 yds. N.-E. Somewhat stony.</p> <p><i>Water.</i>—From Retam river, and wells. Well on camping ground ; ample supply.</p> <p><i>Supplies.</i>—Few shops. All supplies are brought from Jiram, 3 m. distant.</p> <p><i>Forage.</i>—Plenty.</p>
		428 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Mili- tary.		
POLITICAL AGENT IN MALWA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	41	<p>NEEMUCH.—11 m. 7 f. At 1 m. 6 f. Arkia b., p. o., t. s., r. s. nala. Pass villages of Kasari (3 f. left), Bhat- khera, Jammunia, (b.), and Singoria; country open. A cantonment. Neemuch to Geona by route No. 34. Ahmedabad to Neemuch route No. 26. Camping Ground.—180×180 yds. N.-E. of Church of England, close to road. Private property. Demarcated. Water.— } Abundant. Supply.— }</p>
		440 m. 2 f.	

## Route No. VI.

## DHANURA TO HAMIRPUR.

Length 526 m. 5 f.

49 Marches.

PORTION OF MAIN ROUTE FROM WELLINGTON TO  
LUCKNOW.

*Authority and date (month and year).*—Kamptee to Jubbulpore, Officer Commanding, 95th Battery, Royal Field Artillery, November 1913.

Jubbulpore-Damoh corrected October 1921 by 37th Dogras.

*Epitome.*—General directions N.-N.-E. The road from Dhanura to Nagpur is almost totally unmetalled; motorable in fair weather but bridged to within 4 miles of Nagpur, crossing several rivers by ford (all impassable in the rains). From Nagpur to Seoni-Jubbulpore and Damoh the road is metalled and motorable (*see* remarks under Jubbulpore, page 29).

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF YEOTMAL, YEOTMAL.		COL. COMDT., 21ST I. L. BD., JUBBULPORE.	<p>DHANURA.—A small village on the Penganga river, which is 380 yds. wide, bed sandy, banks high and steep, fordable except during rains, when it is crossed by boats.</p> <p><i>Camping Ground.</i>—On river bank (high and dry).</p> <p><i>Water.</i>—From river, except during a drought.</p> <p><i>Supplies.</i>—</p> <p>By route VI from Wellington to Dhanura 716 m. in 74 marches. (<i>See</i> Volume IX of 1912).</p>

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF YEOTMAL, YEOTMAL.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		1	MAKETTUN.—7 m. 7 f. Black cotton soil. Road very bad. Cross several nalas un-
		7 m. 7 f.	bridged. <i>Camping Ground.</i> —Fair. <i>Water.</i> —From 2 wells N., and 2 camps E. and W. <i>Supplies.</i> —Good.
		2	KHAIRI.—8 m. 5 f. Country cultivated; black cotton soil. Very bad; rocky road, difficult
		16 m. 4 f.	for carts. A large village with numerous shops. <i>Camping Ground.</i> —To S.-W. low and bad, sufficient for a regiment. <i>Water.</i> —Plentiful from wells. <i>Supplies.</i> —Numerous shops in village.
		3	WUN.—12 m. 5 f. A fair-weather road; coun-try cultivated, soil black.
		29 m. 1 f.	The road as far as the Wardha river (which forms the boundary between Berar and the Central Provinces) 6 m. is metalled; the river is fordable except during the rains, when it is crossed by boats. Cross several nalas and a river, unbridged, Headquarters of Sub-district of Wun; population 5,000. <i>Camping Ground.</i> —High and good. <i>Water.</i> —From wells, tank and nala, good and ample. Route No. 4 joins here.

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF NAGPUR. YEOTMAL.	DEPUTY COMMISSIONER OF YEOTMAL, YEOTMAL.	4	<p>WARORA.—12 m. 4 f. Road metalled, fit for p. o., t. s., r. s. motors in dry weather. Wardha bridge for country carts only; in wet weather Public Works Department ferry takes two carts or 40 men.</p> <p>Tehsil head-quarters, population 8,000.</p> <p>Camping Ground.—25 acres. Government ground.</p> <p>Water.—From wells and tank.</p> <p>Fuel.—3 days' notice.</p> <p>Supplies.—Grain, atta, grass and kurbi available.</p>
		41 m. 5 f.	
		5	
		51 m. 1 f.	
		6	
DEPUTY COMMISSIONER OF NAGPUR. YEOTMAL.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	62 m. 5 f.	<p>CHICHARA.—9 m. 4 f. Road unmetalled, but bridged, 4 huts in middle of jungle.</p> <p>Camping Ground.—In open space E. of village belonging to Malguzar.</p> <p>Water.—There is a well near that dries up in summer; it requires deepening and its parapet walls and platform require repairs.</p> <p>Supplies.—Moderate on notice.</p>
		7	
DEPUTY COMMISSIONER OF NAGPUR. YEOTMAL.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	71 m. 1 f.	<p>NANDORI.—11 m. 4 f. Road as above. Cross Pothra river by ford, impassable in rains.</p> <p>A small village police post.</p> <p>Camping Ground.—Good but <math>\frac{1}{4}</math> m. from water.</p> <p>Water.—Several wells and 2 small tanks.</p> <p>Supplies.—On notice.</p>
		7	
DEPUTY COMMISSIONER OF NAGPUR. YEOTMAL.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	71 m. 1 f.	<p>JAM.—8 m. 4 f. Road as above. A small village.</p> <p>Camping Ground.—Good.</p>
		71 m. 1 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF NAGPUR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Supplies.</i>—On notice. <i>Water.</i>—Large well and tanks.</p>
		8	<p>KANDRI.—8 m. Road as above ; cross Ajoda nala ; dry sand, but impassable in rains.</p>
		79 m. 1 f.	
			<p>A small village. <i>Camping Ground.</i>—Good, on S. (left) bank of Wanna river. <i>Supplies.</i>—On notice. <i>Water.</i>—Good and abundant from Wanna river.</p>
		9	<p>BORI.—14 m. Road as above ; cross Wanna p. o., t. s., r. s. river by ford in dry weather. Impassable.</p>
		93 m. 1 f.	
			<p>in rains. Two small canals. A large village. <i>Camping Ground.</i>—300 yds. W. of r. s. <i>Supplies.</i>—Plentiful. <i>Water.</i>—From nala and wells.</p>
		10	<p>PARSORI.—9 m. 2 f. Road as above ; cross Wardha river by ford except in rains, when there is a boat raft taking 12 passengers or one cart.</p>
		102 m. 3 f.	
			<p>A small village. <i>Camping Ground.</i>—good. <i>Supplies.</i>—On notice. <i>Water.</i>—From nala and wells. (One Government well close to camping ground, kept clear of brushwood).</p>

## Route No. VI.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER OF NAGPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	11	NAGPUR.—10 m. 6f. Road as above to p. o., t. s., r. s., b. within 4 m. of Nagpur, after which metalled and good. A large and important town. Headquarters of Governor, Central Provinces. Government Fort Sitabaldi overlooking r. s. has a British Infantry detachment.
		113 m. 1 f.	<i>Camping Ground.</i> —Large and good 2 m. E. of Nagpur, on N. side of Kampti-Nagpur road by octroi post. <i>Supplies.</i> —Plentiful. <i>Water.</i> —Plentiful.
		12	KAMPTEE.—10 m. A cantonment. p. o., t. s., r. s., b. <i>Supplies.</i> —Obtainable. <i>Water.</i> —Obtainable.
		123 m. 1 f.	MUNSAR.—16 m. 4f. Soil black. b., p. o., r. s. (Ramtek road metalled and bridged). Between Almri and Munsal pass metalled road running E. to Ramtek with proposed extension to Kodamendi and thence to Tharsa r. s., also proposed metalled road to Parseoni. A good sized village. <i>Camping Ground.</i> —Good W. of village. <i>Water.</i> —From tank and few wells. <i>Supplies.</i> —Can be collected.
		139 m. 5 f.	
		14	DEOLAPAR.—15 m. 6f. Soil hard and rocky. b., p. o. Road as above. A small village.
		155 m. 3 f.	<i>Camping Ground.</i> —E. of village. <i>Water.</i> —From tank and few wells. <i>Supplies.</i> —Can be collected.

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF SEONI.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		15	KHAWASA.—9 m. 4 f. Country hilly and jungly. Road as above.
		164 m. 7 f.	Moderate-sized village. <i>Water</i> .—Abundant from well and tank. <i>Supplies</i> .—Abundant.
		16	KURIA.—8 m. 6 f.—Country jungly, road as b., p. o. above. A moderate-sized village.
		173 m. 5 f.	<i>Camping Ground</i> .—Good S. of village. 9,600 sq. yds. <i>Supplies</i> .—Abundant. <i>Water</i> .—Abundant, a tank N. of village and two wells close by in village.
		17	MOHGAON.—8 m. 4 f Country jungly; road as above, rise about 800', well graded road.
		182 m. 1 f.	A small village. <i>Camping Ground</i> .—Good, S. of village. <i>Water</i> .—Abundant from well nearby. <i>Supplies</i> .—On notice.
		18	SEONI.—11 m. 4 f. Country opens out a few b., p. o., t. s., r. s. miles before Seoni. Soil black, road as above. Road partly metalled, branches off from Seoni to Bhandara, distance 85 miles in 6 stages.
		193 m. 5 f.	A large town, Civil station, Rly. line from Mandla to Chindwara, Headquarters of civil district.



## Route No. VI.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER OF SEONI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Camping Ground.</i>—Good, to N. of town.  <i>Supplies.</i>—Obtainable.  <i>Water.</i>—Good from pakka well which is cleared after rains.</p>
		19	<p>BANDOLE.—11 m. Country open; road as p. o., t. s. above.  A small village.</p>
		204 m. 5 f.	
			<p><i>Camping Ground.</i>—Good, W. of village.  <i>Water.</i>—Plentiful from well. For animals from tank which is dry in hot weather.  <i>Supplies.</i>—Plentiful.</p>
		20	<p>CHAPPARA.—11 m. 7 f. Country open; road b., p. o., as above.  A large village.</p>
		216 m. 4 f.	
		21	<p>GANESHGANJ.—9 m. 3 f. Country partly p. o. jungly; road as above.  A small village.</p>
		225 m. 7 f.	

*Camping Ground.*—Indifferent to the W. of village.  
*Supplies.*—Abundant.  
*Water.*—From river abundant. The water of the Bijna river which is close by is used for drinking purposes by travellers and villagers, as the water from well on Camping ground is not much liked by the people; nevertheless it is fit for drinking.

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF JUBBULPORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	22	LAKHNADON.—7 m. Country open. Road as before. Long steep ascent after leaving
		232 m. 7 f.	Ganeshganj. A good sized village. Tahsil headquarters.
			Camping Ground.—Good, E. of village.
			Supplies.—Plentiful.
			Water.—Plentiful, two wells, one belonging to C. G., one to Government, water in both good, and plentiful. C G. well dries up in hot weather. Animals water in stream nearby except in hot weather when they have to go 2 miles to water.
		23	DHUMA.—13 m. 5 f. Country open. Road as above. Moderate sized village.
		246 m. 4 f.	Camping Ground.—To E. of village.
			Supplies.—Plentiful.
			Water.—Plentiful from 1 well. Animals water from tank except at end of hot weather when it is dry.
		24	SUKRI.—12 m. 4 f. Country open. Road as before. Between mile 7 and m. 8 steep descent of several hundred feet with two sharp turns. A good sized village.
		259 m.	Camping Ground.—400 yds. N.-E. of village 400 × 310 yds. Stony ground, $\frac{1}{2}$ ploughed; rest kept clear of brush wood.
			Water.—Good, for a Battalion, from two wells close to camping ground; water for animals from Temar stream, 80 yds. E. of C. G.
			Supplies.—Procurable in small quantities.

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF JUBBULPORE.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		25	NIGRI.—9 m. 7 f. Country open. Road as above. Pass Bargi at 6 m. 3 f. A small village.
		268 m. 7 f.	<i>Camping Ground.</i> —W. of road near village 350 × 230 yds. <i>Supplies.</i> —On notice. <i>Water.</i> —Indifferent, limited water from well, which is nearly dry for half the year, close to camping ground and a nala. Animals may be watered at a stream 50 yds. N. of C. G. The Tinrat nala has a good supply of water.
		26	JUBBULPORE.—10 m. 1 f. Country open. <i>h., p.o., t.s., r.s.</i> Road as above; cross Narbada by embankment and trestle
		279 m.	bridges in all seasons except the rains when the bridge is removed and a ferry used. The approach to the trestle bridge or ferry is very sandy and soft. Road crosses main route XII. (See route XII, Stage 18).
		27	BELKHARU.—11 m. A small village.
		290 m.	<i>Camping Ground.</i> —S. E. of village, 26,620 sq. yds. <i>Supplies.</i> —Procurable. <i>Water.</i> —For 2 Battalions from well on camping ground S.-E. of village. Well overgrown, requires clearing.

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF JUBBULPORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	22	LAKHNADON.—7 m. Country open. Road as before. Long steep ascent after leaving
		232 m.	
		7 f.	Ganeshganj. A good sized village. Tahsil headquarters.
			Camping Ground.—Good, E. of village.
			Supplies.—Plentiful.
			Water.—Plentiful, two wells, one belonging to C. G., one to Government, water in both good, and plentiful. C G. well dries up in hot weather. Animals water in stream nearby except in hot weather when they have to go 2 miles to water.
		23	DHUMA.—13 m. 5 f. Country open. Road as above Moderate sized village.
		246 m.	
		4 f.	Camping Ground.—To E. of village.
			Supplies.—Plentiful.
			Water.—Plentiful from 1 well. Animals water from tank except at end of hot weather when it is dry.
		24	SUKRI.—12 m. 4 f. Country open. Road as before. Between mile 7 and m. 8 steep descent of several hundred feet with two sharp turns. A good sized village.
		259 m.	
			Camping Ground.—400 yds. N.-E. of village 400 × 310 yds. Stony ground, $\frac{1}{2}$ ploughed; rest kept clear of brush wood.
			Water.—Good, for a Battalion, from two wells close to camping ground; water for animals from Temar stream, 80 yds. E. of C. G.
			Supplies.—Procurable in small quantities.

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF JUBBULPORE.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		25	NIGRI.—9 m. 7 f. Country open. Road as above. Pass Bargi at 6 m. 3 f. A small village.
		268 m. 7 f.	<i>Camping Ground.</i> —W. of road near village 350 × 230 yds. <i>Supplies.</i> —On notice. <i>Water.</i> —Indifferent, limited water from well, which is nearly dry for half the year, close to camping ground and a nala. Animals may be watered at a stream 50 yds. N. of C. G. The Tinrat nala has a good supply of water.
		26	JUBBULPORE.—10 m. 1 f. Country open. b., p.o., t.s., r.s. Road as above; cross Narbada by embankment and trestle bridges in all seasons except the rains when the bridge is removed and a ferry used. The approach to the trestle bridge or ferry is very sandy and soft. Road crosses main route XII. (See route XII, Stage 18).
		279 m.	
		27	BELKHARU.—11 m. A small village.
		290 m.	<i>Camping Ground.</i> —S. E. of village, 26,620 sq. yds. <i>Supplies.</i> —Procurable. <i>Water.</i> —For 2 Battalions from well on camping ground S.-E. of village. Well overgrown, requires clearing.

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF DAMOH.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		28	KATANGI.—13 m. Country level and cultivated; road as before. A large village. River bridged in dry weather from end of October to middle of June. After which crossing by ferry. Approaches to ferry bad, difficult for heavy transport. Well requires cleaning. <i>Camping Ground</i> .—N. of village, 114,950 sq. yds. <i>Supplies</i> .—Ample. <i>Water</i> .—Good, from well on camping ground.
		303 m.	
		29	SINGRAMPUR.—9 m. Country undulating and jungly; road as above. Pass Kunda at 3 m. and Jamunia at 5 m. A large village. <i>Camping Ground</i> .—W. of village. <i>Supplies</i> .—Ample. <i>Water</i> .—Abundant from 2 wells, disinfected every two months, in vicinity of camping ground.
		312 m.	
		30	JABHERA.—9 m. Country and road as before. Pass Hinoti at 7 m. A village. <i>Camping Ground</i> .—E. of village. <i>Water</i> .—For a Battalion and Battery from a well, and water for animals from tank which is on camping ground. <i>Supplies</i> .—Ample.
		321 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF DAMOH.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	31	<p>NUHTA.—11 m. 1 f. Country and road as before. Cross the Bidari Ghat at 2 m. 1 f. Hurdua at 8 m.; Pipuria at 9 m. A small village, camping ground is kept cleared.</p> <p><i>Camping Ground</i>.—E. of village, 153,180 sq. yds.</p> <p><i>Supplies</i>.—Ample.</p> <p><i>Water</i>.—For a Battalion and Battery from river close by, well on C. G.</p>
		332 m. 1 f.	
		32	
		346 m. 1 f.	
		33	
		359 m. 1 f.	
			<p>DAMOH.—14 m. Country hilly and jungly, b., p. o., t. s., r. s. road metalled and bridged, suitable for all arms. Cross the Biarmi river near Nohta; pass Abhana at 2 m.; Huthni at 8 m., Mahtal at 11 m. A small civil station.</p> <p><i>Camping Ground</i>.—S. of Road, 53,330 sq. yds.</p> <p><i>Supplies</i>.—Ample.</p> <p><i>Water</i>.—Good from two wells, one with trough near C. G. which is S. of road about <math>\frac{1}{2}</math> m. from Bazar. Railway from Katni to Saugor.</p>
			<p>NARSINGARH.—13 m. Country level, partly cultivated; road metalled, bridged, suitable for all arms; pass Umri and Kukra and cross Kopra river. A village.</p> <p><i>Camping Ground</i>.—Stony and the soil <i>murrum</i> W. of village 430 × 260 yds.</p> <p><i>Supplies</i>.—Ample.</p> <p><i>Water</i>.—Abundant, good from the Sonar river.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Military.		
D. C. OF DAMOH.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.]	34	BATIAGARH.—9 m. Country and road as before. The Sonar river is crossed in the
		368 m. 1 f.	1st mile by causeway, ferry in rains (1 large boat to carry 50 and one small boat to carry 16 men). A large village. <i>Camping Ground.</i> —S.-E. of village, 54,250 sq. yds. <i>Supplies.</i> —Ample. <i>Water.</i> —Abundant and good from stream and well near C. G.
		35	BAXWAHO.—13 m. Country jungly; road unmetalled; passable for all arms, winds
		381 m. 1 f.	over a stony Ghat, near Batiagarh, 1½ m. long; very difficult and narrow in places, gradient 1 in 18. Cross several nalas and the Bainkh stream <i>en route</i> , all fordable. A large village. <i>Camping Ground.</i> —W. of road 300 × 250 yds. <i>Supplies.</i> —Fuel, gram and grass plentiful. Camel grazing scarce. <i>Water.</i> —For a battalion, from a well 100 yds. E. of C. G.
DEPUTY COMMISSIONER OF SAUCOR.		36	HIRAPUR.—10 m. Country as before. Road 600 × 250 yds. a fair weather track,
		391 m. 1 f.	last 2 m. stony and rough, pass Barrati at 3 m. and Garahi at 5 m. A village. <i>Camping Ground.</i> —E. of and near village; it is not cultivated as it is within forest limits; it is kept clear of brushwood.



AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Mili- tary.		
P. A. IN BUNDELKHAND, NOWGONG. DEPUTY COMMISSIONER OF SAUCOR.	COLONEL COMMANDANT, 21ST INDIAN INFAN- TRY BRIGADE, JUBBULPORE.	37	<p><i>Supplies.</i>—Fuel and grass plentiful, other supplies on notice.</p> <p><i>Water.</i>—Good and sufficient from well, with trough and iron pulleys, and tank <math>\frac{1}{2}</math> m. W. of C. G.</p>
		400 m. 7 f.	<p>SARWA.—9 m. 6 f. Country thick jungle ; b. road as before for 3 m., then metalled and in good order. At 5 m. 2 f. descent of Dergao Ghat, easy gradient ; at 6 m. cross Kati river, fordable except when in flood at small village.</p> <p><i>Camping ground.</i>—<math>\frac{1}{4}</math> m. S. of village. 72,080 sq. yds.</p> <p><i>Supplies.</i>—Fuel and grass plentiful.</p> <p><i>Water.</i>—Good, for battalion, from well on camping ground. For animals small nulla running through C. G.</p>
		38	<p>MULBARA.—6 m. 2 f. Road as before, thick b. jungle either side ; cross the Siamri river by causeway, impassable after heavy rains.</p> <p>A village.</p> <p><i>Camping Ground.</i>—Near village. 98,650 sq. yds.</p> <p><i>Supplies.</i>—Plentiful.</p> <p><i>Water.</i>—Good from two wells on C. G.</p>
		417 m. 7 f.	<p>GULGANJ.—10 m. 6 f. Country and road as before ; cross the Magrar Nadi (bridged) at <math>3\frac{1}{2}</math> m. and pass Mugwari at <math>3\frac{1}{2}</math> m.</p> <p>A large village.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Military.		
POLITICAL AGENT IN BUNDELKHAND, NOWGONG.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		40	<p><i>Camping Ground.</i>—E. of road 350 × 125 yds. not demarcated N. of and adjoining Dak Bungalow.</p> <p><i>Supplies.</i>—Plentiful.</p> <p><i>Water.</i>—Clear and abundant from well in inspection Bungalow grounds. Well on C. G. should not be used. For animals from nulla 1 m. N. of C. G.</p>
		428 m. 7 f.	<p>MATGAON.—11 m. Country and road as before. Cross the Paniari stream at 1½ m., pass Angor at 4 m. 4 f., and Khairo at 8 m. 4 f.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—229,460 sq. yds., at 10 m. 2 f. W. of road demarcated.</p> <p><i>Supplies.</i>—Procurable.</p> <p><i>Water.</i>—Good, from well on C. G. For animals from nulla 1 m. N. of C. G.</p>
		41	<p>CHHATARPUR.—9 m. 7 f. Country jungly, b., p. o. road metalled and in good order, pass Choka at 3 m. 2 f. and Lalon at 7 m. 3 f.</p> <p>A large town.</p> <p><i>Camping Ground.</i>—1 m. S.-E. of City. 250 × 150 sq. yds., E. of road demarcated.</p> <p><i>Supplies.</i>—Plentiful.</p> <p><i>Water.</i>—Good, from well at N.-E. corner of C. G.</p>
		42	<p>MALARA.—11 m. 2 f. Country and road as before, a large village in the Chhatarpur State.</p>
		450 m.	

AUTHORITIES.		No. of stage and total distance	Route No. VI.
Civil.	Military.		
COLLECTOR OF HAMIRPUR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<p><i>Camping Ground</i>.—1 f. N. of village. 400 × 160 yds.  <i>Supplies</i>.—On notice.  <i>Water</i>.—Good, from well on C. G.</p>
		43	<p>SRINAGAR.—11 m. 3 f. Country hilly and jungly; road as above in the 8th m. the Urmel stream, impassable in flood, is crossed in flood, is crossed by an Irish bridge. A village.</p> <p><i>Camping Ground</i>.—60,670 sq. yds., E. of and close to village.  <i>Water</i>.—Abundant and good from 2 wells on C. G.  <i>Supplies</i>.—Procurable.  To Cawnpore (3 marches) and Lucknow (7 marches). See U. P. District Route Book.</p>
		461 m. 3 f.	
		44	<p>MAHOBA.—9 m. 4. f Small Town. Hilly p. o., t. o., r. s., b. Country. Road all arms.</p> <p><i>Camping Ground</i>.—64,410 sq. yds. E.  <i>Water</i>.—Wells, Tank, Canal.</p>
		470 m. 7 f.	
		45	<p>KABRAL.—11 m. 2 f. Pass Kan. Pahari 5 m. p. o., t. o., r. s. 2. f Gagora 7 m. 6 f.</p>
		482 m. 1 f. 46	
		494 m. 1 f.	<p>KHANNA.—12 m. p. o.  <i>Camping Ground</i>.—210 × 210. E. village.  <i>Water</i>.—2 well. Tanks; Good grazing camels  a</p>

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Mili- tary.		
COLLECTOR OF HAMIRPUR.	COL. COMMANDANT, 21ST INDIAN INFANTRY BR., JUBBULPORE.	47	MAUDSHA.—10 m. 4 f. Cross Chandrawal 7 m. 4 f. fordable in dry weather, not. in rains
		504 m. 5 f.	Road unmetalled, unfit for transport. <i>Camping Ground.</i> —10,000 sq. yds. <i>Water.</i> —Wells. <i>Supplies.</i> —Abundant.
		48	SUMERPUR.—13 m. Pass Makraon 5 m. Road fit for transport only in dry weather;
		517 m. 5 f.	22 f. wide. Cross Chandrawal river 3 m. <i>Ford.</i> —Ferry rains. <i>Camping Ground.</i> —S.-W. of village 310 × 290. <i>Water.</i> —2 wells.
		49	HAMIRPUR.—9 m. Metalled. Cross Betwa b., p. o., t. o. Bridge of boats; ferry rains (4 large boats).
		526 m. 5 f.	Large Town; Civil Station; r. s. Hamirpur, road 5 m. <i>Camping Ground.</i> —E. 375 × 340. <i>Water.</i> —Wells, R. <i>Supplies.</i> —Plentiful.

## Route No. VII.

FROM SAWARGAON TO SOHELA OR HALDIPALI.

*Length 568 m. 4 f.*

*54 Marches.*

*Authority and date (month and year).*—Stages 1 to 18 General Officer Commanding, 9th (Secunderabad) Division; stages 19 to 42 and 51 to 54 General Officer Commanding, 21st Indian Infantry Brigade, Jubbulpur June 1909; stages 43 to 50 Lieutenant G. S. Cooper, R. F. A., March 1913.

*Epitome.*—General direction E. N. E. From Sawargaon to Nagpur the road is unbridged and can only be used in dry weather. As far as Basim it is unmetalled, but in fair order; thence to Karanja there is a good metalled road. From Karanja to Shemangaon it is metalled in parts and thence to Nagpur is a mere fair-weather track, impracticable in rains. The country is hilly and rough as far as Karanja, thence to the Wardha river, a flat, black cottons soil plain is traversed, with a few hills in the later stages.

From Nagpur to Seongi the road is first class, metalled and bridged throughout, thence to Sohela 3rd class over red soil, except between Raipur and Tumgaon, when it is metalled.

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Military.		
DEPUTY COMMISSIONER OF BULDANA, BULDANA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p>SAWARGAON.—From Bombay 312 m. 6 f. in 25 marches.</p> <p><i>Camping Ground.</i>—13 acres, to N. and W. of village.</p> <p><i>Water.</i>—One well, does not run dry, sufficient for 1,000 men and 200 cattle.</p> <p><i>Supplies.</i>—For 1,000 men and 200 cattle at a month's notice.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Military.		
DEPUTY COMMISSIONER OF BULDANA, BULDANA.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		1	RAJA KINGAON.—14 m. 6 f. Country hilly. Soil red and black. At about 3½ m. Sind-khavi, a large village approached by a steep and stony descent. A small village. <i>Camping Ground</i> .—15 acres. <i>Water</i> .—Unlimited. <i>Supplies</i> .—For 1,000 men and 300 cattle at a month's notice.
		14 m. 6 f.	
		2	DOSALBIR.—4 m. 7 f. At 3 m. cross Purna river, steep banks and nala, unbridged. <i>Camping Ground</i> .—19 acres, high, dry and open. <i>Water</i> .—Good, unlimited, and near at hand, and from the nala. <i>Supplies</i> .—Procurable for 1,000 men and 200 cattle with assistance from other villages at 1 month's notice.
		19 m. 5 f.	
		3	ANJNI.—12 m. 6 f. Road stony in places and passes over 2 ascents, otherwise good; country partly jungle and partly cultivated; soil mostly black; a bad nala to cross at 9 m. cross a nala, unbridged. A fair sized village. <i>Camping Ground</i> .—(i) 26 acres, and (ii) 34 acres. <i>Water</i> .—Unlimited in several fields near by. <i>Supplies</i> .—Procurable for 1,000 men and 200 cattle with assistance from other villages at a month's notice.
		32 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil	Mili- tary.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA. D. C. OF BULDANA, BULDANA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	4	<p>MEHKAR.—8 m. 1 f. Country open and cultivated; soil black; road good in dry weather; a bad nala crossed at beginning of stage. Cross the Penganga river and 9 nalas, unbridged.</p> <p>A large town with a dilapidated wall round it situated on high ground on the left bank of the river, the banks of which are low and the bed sandy.</p> <p><i>Camping Ground.</i>—(i) 24 acres and (ii) 35 acres.</p> <p><i>Water.</i>—Sufficient for 2,000 men and 500 cattles from a tank supplemented by wells.</p> <p><i>Supplies.</i>—Procurable for 2,000 men and 500 cattle with assistance from other villages at a month's notice.</p>
		40 m. 4 f.	
		5	
		54 m.	
		6	<p>CHANDAS.—7 m. 4 f. Road metalled and bridged except first mile. Pipri nulla close to village unbridged.</p>
		61 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Military.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Camping Ground.</i>—In front of Dak bungalow about 16 acres.</p> <p><i>Water.</i>—Unlimited from wells.</p> <p><i>Supplies.</i>—Can be collected for 25 men and 50 animals at a week's notice.</p>
		7	<p>SIRPUR.—6 m.—<i>Camping ground.</i>—About 8 p. o. acres. A fair sized village with hospital.</p> <p><i>Water.</i>—Unlimited.</p> <p><i>Supplies.</i>—Can be collected for 300 men and 500 animals at a month's notice.</p>
		67 m. 4 f.	
		8	<p>BASIM.—12 m. <i>Vide</i> main route No. III b., p. o., t. s. stage No. 2. Main Route No. III crosses and Route No. 3 joins here.</p>
		79 m. 4 f.	
		9	<p>PALDI.—10 m. 4 f. Road metalled. Soil b. black; country undulating and partially cultivated; river passable in dry season.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—About 35 acres.</p> <p><i>Water.</i>—From well for 1,000 men and animals. also from nalas, not likely to give out in a dry year.</p> <p><i>Supplies.</i>—Can be collected for 50 men and 75 animals at a week's notice.</p>
		90 m.	
		10	
		104 m.	<p>MANGRUL PIR.—14 m. Road metalled b., p. o. and good. Soil black.</p> <p>A Public Works Department rest house and Dak Bungalow here.</p>



AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Military.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.			<p><i>Camping ground.</i>—High dry and good, to N.-W. about 35 acres.  <i>Water.</i>—For 1,000 men and animals from wells likely to give out in a dry year.  <i>Supplies.</i>—For 1,000 men and animals at 2 weeks' notice.</p>
		11	<p>SHIVANI.—7 m. 4 f. Country undulating and cultivated.  Cross the Aran river, and a nala, unbridged.  Impassable during heavy rain.  A small village.  <i>Camping Ground.</i>—High and dry, close, about 4 acres.  <i>Water.</i>—For 1,000 men and animals from wells and Aran river, likely to give out in a dry year.  <i>Supplies.</i>—Can be collected at 1 month's notice.</p>
		111m. 4 f.	
		12	<p>KARANJA.—9 m. 4 f. Road to Karanja b., p. o., t. s., r. s. is metalled. Routes Nos. 3 and 4 cross in this stage.  A large town.  <i>Camping Ground.</i>—About 31 acres.  <i>Water.</i>—Unlimited.  <i>Supplies.</i>—Can be collected for 25,000 men, and animals at a week's notice.</p>
		121 m.	
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		13	<p>BHAM.—13 m. 2 f. Road metalled. Soil black; cross 4 nalas, unbridged.</p>
		134m. 2 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Military.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		14	<p><i>Camping Ground.</i>—Open and near village about 19 acres.  <i>Water.</i>—Unlimited.  <i>Supplies.</i>—For 5,000 men and animals at 2 weeks' notice.</p>
		147 m. 5 f.	<p>LONI.—13 m. 3 f. Road unmetalled, difficult in rains, Cross 1 river and 2 nalas unbridged.  <i>Camping Ground.</i>—Good, about 2 acres.  <i>Water.</i>—Unlimited, from wells, except in dry season, when only 200 men and 50 cattle can be watered.  <i>Supplies.</i>—Generally food is available for about 100 men; 10 days' notice will be necessary to collect supplies and forage.</p>
		15 159 m.	<p>AMRAOTI.—11 m. 3 f. Two travellers' bungalows, headquarters of the district; road from Amraoti to Nagpur fully bridged and metalled and is motorable in all seasons. Six nalas, bridged. At 6 m. Bandera cross Great Indian Peninsula Railway, Bhusawal-Nagpur. Route No. 5 crosses here.  A large town.  <i>Camping Ground.</i>—Good, about 19 acres.  <i>Water.</i>—Unlimited from wells except in dry season, when only 1,000 men and 500 animals can be watered.  <i>Supplies.</i>—Procurable for 500 men, if food for more is required 10 days' notice is necessary.  <i>Fuel.</i>—10 days' notice is required.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Military.		
DEPUTY COMMISSIONER OF WARDHA.	D. C. AKOLA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	
		16	NANDGAONPETH.—7 m. 4 f. Road meta-
		166 m. 4 f.	b., p. o. led. Route No. 7 starts here. <i>Camping Ground.</i> —Two acres, a large village. <i>Water.</i> —Unlimited from wells and nala, except in dry season, when only 500 men and 100 cattle can be watered. <i>Supplies.</i> —Available for 100 men; if more is required 10 days' notice is necessary. <i>Forage.</i> —10 days' notice is necessary.
		17	SHEMANGAON.—8 m. Road metalled.
		174 m. 4 f.	Cross 3 nalas, bridged. A small village. <i>Camping Ground.</i> —Good, about 31 acres. <i>Water.</i> —For 800 men and 700 animals from 4 wells, likely to give out in a dry year. <i>Supplies.</i> —Will have to be collected from the surrounding large villages.
		18	ISAPUR.—12 m. 3 f. Road unmetalled. Soil black; cross Wardha and numerous nalas,
		186 m. 7 f.	bridged. <i>Camping Ground.</i> —About 5 acres. <i>Water.</i> —Unlimited from Wardha river. <i>Supplies.</i> —Must be collected from other villages.
		19	TALEGAON.—9 m. 5 f. Cross the Wardha river.
		198 m. 4 f.	A large village.

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, NAGPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Camping Ground.</i>—No military camping ground.</p> <p><i>Water.</i>—Several wells and nalas.</p> <p><i>Supplies.</i>—On notice.</p>
		20	SARWARI.—9 m. 7 f. Pass a few nalas bridged. A small village.
		206 m. 3 f.	<p><i>Camping Ground.</i>—Nil.</p> <p><i>Water.</i>—As above.</p> <p><i>Supplies.</i>—None.</p>
		21	THAVEGAON.—14 m. Cross several unbridged nalas. Moderate-sized village.
		220 m. 3 f.	<p>From here a 1st class metalled road to Nagpur is proposed.</p> <p><i>Camping Ground.</i>—Nil.</p> <p><i>Water.</i>—From several wells.</p> <p><i>Supplies.</i>—On notice.</p>
		22	KUNDHALI.—11 m. 7 f. Pass many nalas, not bridged. A large village.
		232 m. 2 f.	<p><i>Camping Ground.</i>—</p> <p><i>Water.</i>—From Jam river.</p> <p><i>Supplies.</i>—On notice.</p>
		23	BAZARGAON.—7 m. 7 f. Cross several nalas unbridged and Jam river. Country hilly
		240 m. 1 f.	<p>p. o.</p> <p>and jungly.</p> <p>A large village.</p>

AUTH

Civil.

DEPUTY COMMISSIONER, NAGPUR.

PRIORITIES.	No. of stage and total distance.	Route No. VII.
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Camping Ground.</i>—E. of village.  <i>Water.</i>—From nala.  <i>Supplies.</i>—Moderate.</p>
	24 254 m. 1 f.	<p>GOND KAIRI.—14 m. Cross some nalas unbridged.  A small village.  <i>Camping Ground.</i>—None.  <i>Water.</i>—From nala.  <i>Supplies.</i>—None.</p>
	25 266 m.	<p>NAGPUR.—11 m. 7 f. Cross some nalas, b., p. o., t. s., r. s. a large and important town.  Headquarters of H. E. the Governor, Central Provinces. Sitabaldi fort overlooking the r.s., has a garrison of British Infantry.  From here to Dongargaon a 1st class metalled and bridged road.  <i>Camping Ground.</i>—2 m. E. of Nagpur on the Kampti road near the octroi post.  <i>Water.</i>—Plentiful.  <i>Supplies.</i>—Plentiful.</p>
	26 276 m.	<p>MAHALGAON.—10 m. A small village.  At 4 m. 2 f.—Branch of Bengal-Nagpur Railway to Gondia.  <i>Camping Ground.</i>—To S. of village.  <i>Water.</i>—Good, from well in good order near C. G., and a nala that contains water till March.  <i>Supplies.</i>—On notice.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
D. C. N. GPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	27	MAUNDA.—11 m. Cross Peelee river, un- b. bridged; a large vil- lage on the right bank
		287 m.	of Kanhan river. <i>Camping Ground.</i> — $\frac{3}{4}$ m. W. of Kanhan river. <i>Water.</i> —Abundant from wells and Kanhan river.
		28	KARBI.—8 m. Road as before, cross Kanhan river after leaving Maunda, by causeway
		295 m.	and bridged in dry weather; in wet weather by permanent causeway, open to moto: traffic all seasons. A small village. <i>Camping Ground.</i> —Indifferent, 6 f. E. of village. <i>Water.</i> —Abundant from wells (one pakka well close by with good water) also a tank. <i>Supplies.</i> —On notice.
DEPUTY COMMISSIONER, BHANDARA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	29	BHANDARA.—9 m. A large village and small b., p. o., t. s., r. s. civil station, Head- quarters of Deputy
		304 m.	Commissioner of district. Railway station 7 m. N. (no sidings). About 3 m. E. of Bhandara the Weinganga river cuts the Bhandara-Drug road. The road is open from 15th December until 1st June with temporary bridge. <i>Camping Ground.</i> —On right bank of Weinganga river.

## Route No. VII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER, BHANDARA.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Water.</i>—Plentiful and good from well and Weinganga river. <i>Supplies.</i>—Abundant.</p>
		30	LAKHNI.—13 m. Weinganga crossed by cause-
		317 m.	<p>b., p. o. way and bridged, in dry weather; by ferry suitable for motors and guns in rains. A small village. <i>Camping Ground.</i>—W. of village about 550 yds. <i>Water.</i>—Good from Weinganga river. <i>Supplies.</i>—On notice.</p>
		31	SAKOLI.—1½ m. A small village.
		328 m.	<p>b., p. o. <i>Camping Ground.</i>—E. of village Tahsildar's headquarters. <i>Water.</i>—Abundant. <i>Supplies.</i>—On notice.</p>
		32	SEONGI.—9 m. A small village, narrow
		337 m.	<p>b., p. o. gauge railway between Nagpur and Gondia crosses road. <i>Camping Ground.</i>—Good to S. of village. <i>Water.</i>—From nala and kacha well close by; good water from bungalow well. <i>Supplies.</i>—On notice.</p>
		33	DONGARGAON.—7 m. 6 f. Cross few nalas
		344 m. 6 f.	<p>unbridged. A small village. A 1st class road running N.-N.-E. to Gondia (28 m.) branches off here.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
POLITICAL AGENT AT RAIPUR. DEPUTY COMMISSIONER, BHANDARA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<i>Camping Ground.</i> —Good, W. of village. <i>Water.</i> —Good, from a well. <i>Supplies.</i> —On notice.
		34	DEORI.—8 m. 4 f. Cross 2 nalas unbridged b. 3rd class road.
		353 m. 2 f.	A small village. <i>Camping Ground.</i> —Good, E. of village. Ground is kept for grass and not ploughed. <i>Water.</i> —From nala and tank; good from Sera well, in good order, with troughs and wooden frame. <i>Supplies.</i> —On notice.
		35	BAGNADI.—5 m. 3 f.
		358 m. 5 f.	<i>Camping Ground.</i> —Ground, either side of river, good. <i>Water.</i> —Abundant. <i>Supplies.</i> —On notice.
		36	GURTALAO.—8 m. Country hilly, covered ; with dense jungle; not recommended as halt- ing place; road loose and sandy, 10 ft. wide.
		366 m. 5 f.	<i>Camping Ground.</i> —Confined by jungle; very feverish. <i>Water.</i> —Scarce, from tank. <i>Supplies.</i> —On notice.
		37	CHICHOLI.—8 m. 2 f. Country enclosed and b. jungly. Stone bridge over Chicholi river.
		374 m. 7 f.	



AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Military.		
DEPUTY COMMISSIONER, RAIPUR.	POLITICAL AGENT AT RAIPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	
			A small village on red soil. <i>Camping Ground</i> .—W. of village confined, but in dry weather an extensive ground to E. of village is available; C. G. could be extended. <i>Water</i> .—From nala and wells. <i>Supplies</i> .—On notice.
			38
			386 m. 4 f.
			WARARBAND.—11 m. 5 f. A small village. <i>b.</i> <i>Camping Ground</i> .—Good, N.-W. of village. <i>Water</i> .—From a tank. <i>Supplies</i> .—On notice.
			39
			401 m. 5 f.
			NANDGAON.—15 m. 1 f. Country open. <i>b., p.o., t.s., r.s.</i> A large prosperous looking town. Contains cloth mill and well laid out Cantonment. <i>Camping Ground</i> .—N. of tank. <i>Water</i> .—Plentiful. <i>Supplies</i> .—Plentiful.
			40
			SAMNI.—7 m. 3 f. Country flat. A small village. <i>Camping Ground</i> .—W. of village. <i>Water</i> .—From tank. <i>Supplies</i> .—On notice.
			409 m.
			41
			DRUG.—10 m. 1 f. Country flat. A large village, tahsil headquarters. <i>b., p.o., t.s., r.s.</i> One m. W. of Drug the Sheonath River has to be crossed. There is a temporary bridge open
			419 m. 1 f.

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
POLITICAL AGENT AT RAIPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		to motor traffic from 15th December to 1st June. <i>Camping Ground.</i> —Good, E. of village. <i>Water.</i> — } Abundant. <i>Supplies.</i> — }
		42	BHILAI.—9 m. 4 f. A small village. <i>p.o., r.s., t.s.</i>
		428 m. 5 f.	<i>Camping Ground.</i> —Good. S.-E. of village. <i>Water.</i> —Abundant. <i>Supplies.</i> —On notice.
		43	RAIPUR.—15 m. 4 f. Headquarters of dis- b., <i>p.o., t.s., r.s.</i> trict and of Chattis- garh division.
		444 m. 1 f.	<i>Camping Ground.</i> —Good, near b., private. <i>Water.</i> —Abundant, including a Public Works Department well in good order. <i>Supplies.</i> —At 24 hours' notice one hundred sheep, a thousand mds. wheat, ten thousand mds. rice, one thousand mds. gram, fifty mds. fodder. These amounts could be roughly trebled in a week, while in the latter time 200 bullock carts, 400 pack animals (mules, ponies and bullocks) and 2,000 coolies could be collected.
		44	NAWAGAON.—12 m. Metalled road, about <i>p.o.</i> 9 ft. wide. in fair re- pair. Country under rice cultivation. $\lambda$
		456 m. 1 f.	

## Route No. VII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER, RAIPUR.	P. A. RAIPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	At 3½ m. iron bridge, with Irish bridge at side A small village. <i>Camping Ground</i> .—E. of village, large, open, partly demarcated. <i>Water</i> .—Pucca well, a tank for animals. <i>Supplies</i> .—Nil.
			45
			466 m. 5 f.
			ARANG.—10 m. 4 f. Road throughout very b., p.o. heavy with thick dust, becoming worse after m. 5. At 3 m. cross river by Irish bridge, easy approaches. A large village with dispensary. At m 470 the Mahanadi river has to be crossed. A temporary bridge for motor traffic exists from 15th December to 1st June. <i>Camping Ground</i> .—Small, to E. <i>Water</i> .—Two wells, one a Public Works Department, one in fair order, tank for animals. <i>Supplies</i> .—Nil.
			46
			TUMGAON.—11 m. 4 f. Road in fair repair, but very heavy in places. At 3½ m. Mahanadi river 400 yds. broad, bed sandy, approaches easy, road on mud track and brushwood bridge, both in bad repair. At 8 m. 1 f. cross small river 150 yds. broad, bed sandy, by brushwood bridge. A large village. <i>Camping Ground</i> .—Good, small to N.-E. <i>Water</i> .—Good from Public Works Department well; tank for animals <i>Supplies</i> .—On notice
			478 m. 1 f.

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, RAIPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	47	BODRA.—9 m. 1 f. Road good for 2 m. then b., p. o. a rough track. im- passable in wet weather.
		487 m. 2 f.	Jungle on both sides of road. Cross a nala, unbridged. A small village. <i>Camping Ground.</i> —N., small and covered in filth. <i>Water.</i> —One well. <i>Supplies.</i> —Nil.
		48	JHALAP.—8 m. 7 f. Road in bad repair, with b. jungle on both sides. Cross a few nalas, un-
		496 m. 1 f.	bridged. From Jhalap the road eastwards is badly cut up owing to indifferent macrum surfacing. It is not motorable. A small village. <i>Camping Ground.</i> —S., small but good. <i>Water.</i> —From wells (one Public Works De- partment well in good order); a tank for animals. <i>Supplies.</i> —On notice.
		49	SEWAYA.—11 m. Road hopelessly bad, b. jungle on both sides.
		507 m. 1 f.	At 8 m. 3 f. sandy river bed; 30 yds. broad, approaches easy. At 10 m. Pithora (branch p. o.), civil offices. A small village. <i>Camping Ground.</i> —S. <i>Water.</i> —From Public Works Department well. <i>Supplies.</i> —On notice.

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Military.		
DEPUTY COMMISSIONER, RAIPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	50	<p>SANKARA.—9 m. Road very heavy and in b. very bad condition, through undulating country. Cross several unbridged nalas, and at end of March, Jok river 300 yds. broad, bed sandy.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—N., very small and very dirty, close to b.</p> <p><i>Water.</i>—One well with pulleys, water good, close to C. G., another on W. bank of Jok river.</p> <p><i>Supplies.</i>—Procurable.</p>
		516 m. 1 f.	
		51	
		528 m.	
		52	
		540 m. 4 f.	<p>SERAIPALI.—12 m. 3 f. Country open, cross several nalas, unbridged.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—S., ground cleared of brush-wood once a year.</p> <p><i>Water.</i>—Good, from pucca well.</p> <p><i>Supplies.</i>—Procurable.</p>
		53	
		552 m. 4 f.	
			<p>SINGHORA.—12 m. Cross several nalas, unbridged. Country jungly.</p> <p>A small village.</p>

AUTHORITIES.		No. of stage and total distance.	Route No VII.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, RAIPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	54	<p><i>Camping Ground.</i>—E., good, cleared once a year.  <i>Water.</i>—From wells.  <i>Supplies.</i>—Procurable.</p> <p>SOHELA OR HALDIPALL.—16 m.</p>
		568 m. 4 f.	<p>A village.  <i>Camping Ground.</i>—Close to a stream.  <i>Water.</i>—From a tank close by.  <i>Supplies.</i>—Procurable.            From here onwards in U. P. District.            To Midnapore in 28 marches, distance 291 m.            3 f. (see Volume VIII of 1910).</p>

**Route No. VIII.**  
**FROM PALASNE TO CHILLATARA.**  
**BOMBAY—CHUMBI ROAD.**

**PORTION OF MAIN.**

*Length 558 m. 7 f.*

*48 Marches.*

*Authority and date :—*

Raska to Sifri

Sarang-pur to Kolaras

} Corrected, October 1921 by 17th  
 Infantry.

Barwa-Saugor by Captain Hooper, S. W. B. October 1921.

*Epitome.*—The road generally is a made one, metalled and bridged with causeway over most of the rivers, passable except when in floods. The Narbada it crossed by a trestle bridge in the dry season and a flying one in the rains. From Binagaon to Bhadaura and from Mitloni to Karera the road is very hilly. Water and supplies generally plentiful, but in some stages arrangements have to be made previously. The road as far as Sipri is known as the Bombay-Agra road. Passable for motors.

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Military.		
SECRETARY TO THE A. G. G. AT INDORE. GENERAL OFFICER COM- MANDING CENTRAL PROVINCES DISTRICT.		1	PALASNE.—From Bombay in 24 marches, distance 263 m. 5. f. In Poona District ( <i>see</i> Volume VI).— SENDHWA.—12 m. 4 $\frac{3}{4}$ f. A small village with b. Dharmsala, and fort built of stone and brick.
		12 m. 4 $\frac{3}{4}$ f.	<i>Camping Ground.</i> —9·47 acres, demarcated, S.-E. of village near bungalow. <i>Water.</i> —From nala and Motibagh well. <i>Supply.</i> —Abundant; transport available.

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Military.		
P. A. SOUTHERN STATES, MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	2	<p><b>JULWANIA.</b>—15 m. <math>1\frac{1}{4}</math> f. Made road, metalled b. and bridged, but bad for motors, at 2 m. 2 f. cross Goi river by a pakka causeway, submerged only in high floods. The approaches have been aligned. At 2 m. 3 f. Goi village; at 5 m. <math>1\frac{1}{2}</math> f. Jumali; at 10 m. 4 f. Balsamand, 80 houses; Dharamsala and b.</p> <p><i>Camping Ground.</i>—Indian State property 6·13 acres with boundary pillars. 400 yds., S. of village.</p> <p><i>Water.</i>—From Deb river and nala (dry in March). A <i>jiri</i> is dug in river bed in hot weather.</p> <p><i>Supplies.</i>—Scarce.</p>
		27 m. 6 f.	
		3	
P. A. SECRETARY TO THE A. G. C. AT INDORE.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	42 m. $1\frac{3}{4}$ f.	<p><b>KHURUMPUR.</b>—14 m. <math>3\frac{3}{4}</math> f. Made road, b. bridged. Country open, partly cultivated, partly scrub jungle. Cross Deb river by a causeway and Bhongli river by a bridge. 90 houses, dharamsala and b.</p> <p><i>Camping Ground.</i>—1041 acres demarcated, 100 yds. N. of village near b.</p> <p><i>Water.</i>—From 2 wells and nala (dry in March).</p> <p><i>Supplies.</i>—Scarce. One month's notice required.</p>
		4	
		54 m. $2\frac{3}{4}$ f.	
P. A. MANPUR.			<p><b>KHALGHAT (SOUTH).</b>—12 m. 1 f. At 1 m. b. 1 f. cross Sosar nala (bridged), at 4 m. <math>5\frac{1}{2}</math> f. pass Tikri Dharamsala, <math>\frac{1}{4}</math> m. W. of Tikri town (500 houses), dispensary and Headquarters of</p>



AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Mili- tary.		
POLITICAL AGENT, SOUTHERN STATES, MANPUR.			
GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.			
		5	<p>Parganah, at 5 m. 2 f. cross Borar river by causeway as above; at 9 m. 1 f. Limrani, 500 houses Dharamsala and ginning factory; 11 m. 1½ f. Khalghat where cross Narbada to Khalghat Uttar (N. bank) by a submerged bridge.</p> <p>300 houses, Dharamsala and Bazar, on N. bank of Narbada river.</p> <p><i>Camping Ground.</i>—3·83 acres Darbar property, with boundary pillars.</p> <p><i>Water.</i>—From river.</p> <p><i>Supplies.</i>—Abundant. Here passes Route No. 29 from Baroda to Kampti.</p>
		67 m. 5½ f.	<p>GUJRI.—12 m. 4 f. At 3 m. 4 f. Chawki and b. well old road from Akbarpur joins on right; at 3 m. 5 f. cross Buti nala (bridged) at 5 m., Dhamnode 375 houses, bazar on Friday; at 5 m. 7½ f. Gulyhera; at 6 m. 2 f. cross Buti nala bridged, bed sandy at 7 m. 3 f. Dudi; at 10 m. 3 f. Nandrampur <i>alias</i> Dhanigaon; at 11 m. 4 f. a metalled road branches off to Mandoo, 15 m., the ancient capital of Malwa and to Dhar on Route XII, 22 m. General direction N.-W. At 12 m. 3½ f. cross Karam river by pakka causeway submerged only in high floods. Made road (bridged).</p> <p>A large village at junction of Bukup and Karam river.</p> <p><i>Camping Ground.</i>—State property (with boundary pillars) 543 yds. S.-E., of village.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Mili- tary.		
SECY. TO THE A. G. G. AT INDORE, POLITICAL AGENT, SOUTHERN STATES, MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	6	<p><i>Water.</i>—From <i>nalas</i> and wells.  <i>Supplies.</i>—Abundant.  <i>Transport.</i>—Available.</p>
		80 m. 6½ f.	<p>MANPUR.—13 m. ¾ f. At 4 m. 2 f. Bankaner ;  <i>b.</i> at 4 m. 5 f. begin ascent  of Parasmal Ghat 1 m.  4 f. long, easy for carts ; at 9 m. cross Ajnar  river (bridged) ; at 9 m. 4 f. foot of Gara Ghat,  easy for carts ; at 10 m. 2 f. top of Ghat.  A small civil station ; dispensary and Dharam-  sala. Country road from Dhar joins on left  here.  <i>Camping Ground.</i>—6·94 acres, demarcated, Dar-  bar property, 900 yds. from village.  <i>Water.</i>—From <i>nalas</i> and wells.  <i>Supplies.</i>—Abundant.</p>
		7	<p>MHOW.—13 m. 4¾ f. Metalled road, country  <i>b., p.o., t.s., r.s.</i> open. At 3 m. 2 f.  cross Karam river  by a bridge, bed rocky, banks easy ; at 3 m.  3 f. Jesarangar ; at 5 m. 3 f. Kulai ; at 8 m.  7 f. Jamli ; at 12 m. 2 f. Dongargaon ; at 12 m.  5 f. cross Gambhir (bridged).  A large Military Cantonment.  <i>Camping Ground.</i>—On race course, N. of British  Cavalry lines.  <i>Water.</i>—  <i>Supplies.</i>— } Abundant.  Here cross Main Routes III and XII.</p>
		94 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Military.		
SECRETARY TO THE A. G. AT INDORE.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		By Main Route III to Nasirabad (29 marches). By Main Route XII to Ahmedabad (21 marches) and Jubbulpore (24 marches).
		8	INDORE.—13 m. 6 f. At 1 m. 3 f. Satir <i>nala</i> <i>b., p. o., t.s., r. s.</i> (bridged) to Kishen Pura; at 3½ m. Umaria
		108 m. 1 f.	at 6½ m. Rao ( <i>r.s.</i> ) on left; at 10 m. Garbari; cross Kanu <i>nala</i> at end of stage. Road metalled and bridged. Country undulating and partly cultivated. A large city, capital of Holkar's territory, on left bank of Khan <i>nala</i> . The British Residency and cantonment is about 1 m. E. of city. <i>Camping Ground</i> .—1 m. beyond Indore on E. of road, 2½ acres. <i>Water</i> .—Well in compound of Rutlam kothi. <i>Supplies</i> .—Abundant.
		9	DAKACHIA.—12 m. 7 f. Good made road, Country undulating and partly cultivated, soil mixed. At 9 m. Manglia. A small Jagir. <i>Camping Ground</i> .—10·66 acres, about 800 yds. W. <i>Water</i> .—From a few wells and a tank. <i>Supplies</i> .—Scanty. For 100 men for a few days. <i>Fuel and grass</i> .—Nil. A small amount of transport.
		121 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Military.		
POLITICAL AGENT, MALWA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	10	DEWAS.—10 m. 1 f. At 3 m. 1 f. cross Sipra river 195 yds. wide, bed sandy and rocky, by a bridge, banks easy; at 5 m. 7 f. pass Rasolku; country undulating; good made road, soil mixed. A moderate-sized town; small amount of transport available.
		131 m. 1 f.	<i>Camping Ground</i> .—About 90 yds. N.-E. The ground is cleared, but there is no shade, 7 acres.
			<i>Water</i> .—Laid on by pipes, insufficient in hot weather. Well in dak bungalow compound.
RESIDENT, GWALIOR.			<i>Supplies</i> .—Abundant.
		11	TONK.—11 m. 5 f. Country well cultivated, good metalled road;
		142 m. 6 f.	at 2 m. 6 f. pass Bilaoli; at 5 m. 5 f. Sia; at 10 m. 6 f. cross Tilar nala (bridged).
			Small village in Gwalior State.
			<i>Camping Ground</i> .—88,000 sq. yds., civil property, boundary pillars, about 245 yds. N.-E.
			<i>Water</i> .—From wells, tank and Tilar nala.
			<i>Supplies</i> .—Abundant.
		12	MAKSEE.—10 m. Country well cultivated, good metalled road;
		152 m. 6 f.	soil mixed; at 1 m. pass Bhairwa Kheri; at 4 m. 6 f. Piplia; at 10 m. cross Tilar nala (bridged).
			A large village in Gwalior territory; small amount of transport available.
			<i>Camping Ground</i> .—200×150 yds. E. of road and opposite b. private property, boundary pillars.

## Route No. VIII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
RESIDENT, GWALIOR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	13	<p><i>Water</i>.—From 8 wells 18 ft. to 30 ft. deep and nala.</p> <p><i>Supplies</i>.—Procurable after due notice.</p>
		168 m. 2 f.	<p>SHAHJAHANPUR.—15 m. 4 f. Good metal- b. p. o. led road. Cross Lakhundar river at 8½ m. by causeway. No ferry during rains. Low ranges of hills in last four miles. A large town in Gwalior territory. <i>Camping Ground</i>.—22 acres, demarcated, on the near side of Tilar nala near Po. <i>Water</i>.—Well 100 yds. distant. <i>Supplies</i>.—Abundant; a small amount of trans- port available.</p>
		14	<p>SARANGPUR.—15 m. 3 f. Road metalled. b., p. o., l. s. Country cultivated, with occasional jungle. Cross Tilar (bridged) at starting; descend gradually after 6th m. and cross Kali Sind at end of stage by causeway in dry weather, and by ferry (one boat carries 15 men) in rains. <i>Camping Ground</i>.—On E. of road. Clear demarcated. 24 acres between town and road (shady). <i>Water</i>.—Good from 7 wells; 24 to 30 ft. deep. also from the Kali Sind ½ m. distant. <i>Supplies</i>.—Abundant; a small amount of trans- port available. Route 31 to Agar and Neemuch starts here.</p>
		15	<p>UDENKHERI.—11 m. 3 f. Road metalled and b. bridged. Country scantily cultivated.</p>
POLITICAL AGENT, MALWA, AT MANPUR.		195 m.	A small village.

AUTHORITIES.		No. of stage and total distance.	Rou	o. VIII.
Civil.	Military.			
RESIDENT AT GWALIOR. COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		21	PARBATI RIVER.—	acres E. of road and
		254 m. 3 f.	end of stage by causeway in the rains, where is used when water is by the causeway, but Small village of Khesa Camping Ground.— road and near village pillars.	is clearing. n. distant on notice.
		22	ROTIHAI.—14 m. b., r. s.	Country and road as before. A village in Jigarh State.
		268 m. 3 f.	the Chowpat river. Goona-Indore road camp. Camping Ground.— village between by boundary pillars. Water.—Plentiful around and another. Supplies.—Must be from Raghogarh, but road to latter	of road 350 × 250 road, kept cleared. ough on road (good). Country level and cultivated, road as before. the Dudi at 3 m. ar before reaching affordable when in
		23	GOONA.—13 m. b., p. o., t. s., r. s.	amount of transport
		281 m. 3 f.	by masonry bridge	ate.

AUTHORITIES		No. of stage and total distance.	Route No. VIII.
Civil.	Military.		
P. A. BHOPAL.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.	19	<p><i>Camping Ground.</i>—500×250 yds. opposite <i>p.o.</i> and E. of road demarcated not kept cleared.</p> <p><i>Water.</i>—Abundant, good from well in front of and another in rear of, C. G.</p> <p><i>Supplies.</i>—Plentiful.</p>
		232 m. 3 f.	<p>GORAPCHAR.—10 m. 3 f. Country at first covered with low scrub, afterwards well cultivated; road as before. From here a metalled road runs N.-W. to Rajgarh, distant about 15 m. A small village with Serai on right bank of the Gorapchar.</p> <p><i>Camping Ground.</i>—480×275 yds near river On W. of road clear.</p> <p><i>Water.</i>—From a well (8 ft. in diameter, depth of water in June 4 ft.)</p> <p><i>Supplies.</i>—Scarce.</p>
		20 240 m. 3 f.	<p>BINAGAON.—8 m. Country and road as above. A village 2 m. from the large village of Chachora; small amount of transport. Route 77 crosses here (Chachora). From Saugor (11 marches) <i>via</i> Sivouj; and Neemuch (13 marches) <i>via</i> Jhalrapatan.</p> <p><i>Camping Ground.</i>—1,200×1,200 yds. E. of road and marked by 4 boundary pillars.</p> <p><i>Water.</i>—From a well on C. G. 8 ft. in diameter (depth of water in June, 6 ft.).</p> <p><i>Supplies.</i>—Plentiful.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Military.		
RESIDENT AT GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.	21	PARBATI RIVER.—14 m. Country and road as above; cross the Parbati river at end of stage by causeway, except for 3 months in the rains, where a boat (capacity 50 men) is used when water is low; motors can cross by the causeway, banks very steep. Small village of Khera 1 m. W. of camp. <i>Camping Ground</i> .—1,535 × 935 yds. W. of road, and near village, marked by boundary pillars. <i>Water</i> .—Good, from wells in village. <i>Supplies</i> .—Scarce.
		254 m. 3 f.	
		22	ROTIHAL.—14 m. Country and road as b., r. s. above. A very small village on left bank of the Chowpat river. Goona-Indore road crosses the N.-E. corner of camp. <i>Camping Ground</i> .—550 × 200 yds. N.-W. of village between river and railway marked by boundary pillars. <i>Water</i> .—Plentiful and good from well in b. compound and another in village. <i>Supplies</i> .—Must be procured from Goona, or from Raghogarh, a large village 7 m. distant, but road to latter rough and hilly.
		268 m. 3 f.	
		23	GOONA.—13 m. Country very hilly, road as b., p. o., t. s., r. s. in last stage; the Chowpat river is crossed by masonry bridge, fit for all arms.
		281 m. 3 f.	



AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Military.		
RESIDENT AT GWALIOR.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		24	<p>A cantonment and town, small amount of transport available.</p> <p><i>Camping Ground.</i>—Near hospital and police station marked by boundary pillars (1,350 × 850 yds.) on black soil W. of town.</p> <p><i>Water.</i>—From wells in adjacent gardens and from well near hospital.</p> <p><i>Supplies.</i>—Plentiful.</p>
		293 m. 3 f.	<p>BHADAURA.—12 m. Country and road as above pass Belomi 6 m. Patai at 8 m.</p> <p>A moderate sized village and fort ; small amount of carriage available.</p> <p><i>Camping Ground.</i>—1,000 × 800 yds. close to village on W. of road. Clear and demarcated.</p> <p><i>Water.</i>—From a well 18 ft. in diameter, depth of water in June, 6 ft.</p> <p><i>Supplies.</i>—Procurable.</p>
		25 302 m. 3 f.	<p>BARKHERA OR AMKHERA.—9 m. Country as above. At 4 m. Route 74 branches off to N.-E. to Jhansi (8 marches). Pass serai at 7½ m. Road metalled and bridged.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—170 × 100 yds. W. of road, partially flooded in rains.</p> <p><i>Water.</i>—From well (8½ ft. in diameter, depth of water in June 8 ft.).</p> <p><i>Supplies.</i>—Scarce.</p>

AUTHORITIES		No. of stage and total distance.	Route No. VIII.
Civil.	Military.		
RESIDENT AT GWALIOR. COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		26	BUDERWAS.—9 m. Country and road as b. before.
		311 m. 3 f.	A good-sized village. <i>Camping Ground</i> .—On W. of road. Clear, extensive, but full of holes; is marked by 4 boundary pillars. <i>Water</i> .—From well on C. G. <i>Supplies</i> .—On notice.
		27	KOLARAS.—17 m. Country chiefly cultivated; road as above, p. o.
		328 m. 3 f.	b. at Deherda 2 m. distant; at 9 m. pass Lukwasa, a good-sized village with good water supply, from a well on disused C. G. Water in tank close by, fit for animals. A small town and Gwalior State cantonment. <i>Camping Ground</i> .—Extensive and shady and marked by 4 boundary pillars. <i>Water</i> .—Good from well on C. G., others in town; water trough on C. G. <i>Supplies</i> .—Plentiful.
		28	SIPRI.—15 m. Country and road as above.
		343 m. 3 f.	b., p. o., t. s., r. s. Pass Sasri at 7 m. and Baroadial at 12 m. A small civil cantonment with a large town close by; terminus of Gwalior-Sipri Light Railway. <i>Camping Ground</i> .—Marked by ditch and mound, and 4 boundary pillars; it is spacious and level, on black soil near the junction of Jhansi road.

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Military.		
RESIDENT AT GWALIOR.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.			<p><i>Water</i>.—Good watering place in camp.</p> <p><i>Supplies</i>.—Abundant.</p> <p>Route IX starts from here and runs <i>via</i> Tehra to Jatogh; Route 35 from Kotah ends here.</p>
		29	<p>SURUYA (SURWAYA).— 12 <i>m.</i> Country <i>b.</i> and road as before. A small village.</p> <p><i>Camping Ground</i>.—S. of road. Overgrown with small Dhak trees 3 ft. high. Well N. of road. 150 × 150 yds. near <i>b.</i></p> <p><i>Water</i>.—Plentiful and good from well on C. G.</p> <p><i>Supplies</i>.—None.</p>
		355 <i>m.</i> 3 <i>f.</i>	
		30	<p>MITLONI.—7 <i>m.</i> Country less hilly and more cultivated, road as before.</p> <p>A small village near left bank of the Sind river.</p> <p><i>Camping Ground</i>.—N. of road overgrown with thorn bushes 8 ft. high 4 pillars. 200 × 100 yds. near bridge over Sind river.</p> <p><i>Water</i>.—No well. Good from Sindh river 7 f. E. of camp.</p> <p><i>Supplies</i>.—Scarce.</p>
		362 <i>m.</i> 3 <i>f.</i>	
		31	<p>KARERA.—14 <i>m.</i> Country very hilly, thick, <i>b., p. o.</i> stony, jungle; road as before. Cross the Sind on starting; pass Amola (several wells about here about <math>\frac{1}{2}</math> <i>m.</i> after crossing the Sind.) Cross Mohwar at end of stage.</p>
		375 <i>m.</i> 3 <i>f.</i>	

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Military.		
RESIDENT AT GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		<p>A small town.</p> <p><i>Camping Ground.</i>—On left bank of river and S. of road area 40,000 sq. yds. on bank of Mohwar and <math>1\frac{1}{2}</math> m. W. of town.</p> <p><i>Water.</i>—Good from Mohwar river.</p> <p><i>Supplies.</i>—Procurable.</p>
		32	<p>DINARA.—12 m. Country and road as above.</p> <p>b., p. o. Cross the Bilrai stream at 5 m. by stone causeway. A large village.</p> <p><i>Camping Ground.</i>—S. of road and E. of village. Four pillars. Area of C. G. 717,900 sq. yds.</p> <p><i>Water.</i>—Plentiful and good from a well, on, and a large jheel close by, C. G.</p> <p><i>Supplies.</i>—Procurable.</p> <p><i>Note.</i>—Sipri to Dinara inclusive is under the Resident at Gwalior.</p>
		388 m. 3 f.	
		33	<p>RAKSA.—8 m. 4 f. Country scrub jungle, hilly and stony; road as above; pass Dang-arwala at 5 m.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—S. of road <math>\frac{1}{2}</math> m. W. of village.</p> <p><i>Water.</i>—Plentiful, good, from a stream and a well on C. G.</p> <p><i>Supplies.</i>—Must be collected.</p>
		396 m. 7 f.	

AUTHORITIES		No. of stage and total distance.	Route No. VIII.
Civil.	Military.		
DEPUTY COMMISSIONER, JHANSI.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.	34	<p>JHANSI.—7 m. 4 f. Country flat, scrub jungle <i>b., p. o., t. s., r. s.</i> and little cultivation; road metalled, bridged and kept in good order. Cross the Pahuj river at 4½ m. A large walled city with fort; large cantonment. Headquarters of brigade and civil station; an unmetalled road runs from here to Goona, practicable for wheeled traffic except during rains. (Route 74).</p> <p><i>Camping Ground.</i>—Several.</p> <p><i>Water.</i>—Plentiful on all C. G.</p> <p><i>Supplies.</i>—Abundant.</p>
		404 m. 3 f.	
		35	
		415 m. 1 f.	
		36	<p>BARWA-SAGAR.—10 m. 6 f. Flat scrub <i>b., p. o., r. s.</i> jungle with a little cultivation; road as above, cross the Betwa river at 7½ m. by ferry (2 boats) impassable in heavy floods; railway bridge 1½ m. up stream, but no road to it. A large village.</p> <p><i>Camping Ground.</i>—155,000 sq. yds., ½ m. from village, on roadside and W. of large lake.</p> <p><i>Water.</i>—Plentiful and good from wells, on, and for animals) and from canals near, C. G.</p> <p><i>Supplies.</i>—Procurable.</p>
		425 m. 4 f.	
			<p>SAKRAR.—10 m. 3 f. Country and road as <i>b.</i> above.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—400×190 yds., ½ m. from village, close to road and about 200 yds. from a small tank where animals may be watered.</p>

AUTHORITIES		No. of stage and total distance.	Route No. VIII.
Ci vil.	Mili- tary.		
DEPUTY COMMISSIONER, JHANSI.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		<p><i>Water</i>.—Good, from 1 well on, and others near, C. G.</p> <p><i>Supplies</i>.—On notice.</p>
		37	<p>BANGRA.—8 m. Country and road as in b. last stage. Arjar r.s. is about 6 m. S.-W. of village.</p> <p>A small village.</p> <p><i>Camping Ground</i>.—360 × 170 yds. <math>\frac{1}{2}</math> m. from village near road.</p> <p><i>Water</i>.—Plentiful and good from 1 well on, and others close to, C. G.</p> <p><i>Supplies</i>.—On notice.</p>
		433 m. 4 f.	
		38	<p>MAU.—11 m. 4 f. Country undulating, rocky b., p. o., t.s., r. s. and chiefly jungle, road good, metalled and bridged; cross the Sukni on starting by ford or by bridge 2 m. E. of town. Civil Offices. Cotton Mills.</p> <p>A town.</p> <p><i>Camping Ground</i>.—229,460 sq. yds. about <math>1\frac{1}{2}</math> m. S.-E. of town.</p> <p><i>Note</i>.—Route to C. G. <i>via</i> the ford is more than 3 m. shorter than <i>via</i> the bridge.</p> <p><i>Water</i>.—Plentiful and good from 2 wells on C. G.</p> <p><i>Supplies</i>.—Abundant.</p>
		445 m. 2 f.	
		39	<p>ALIPURA.—12 m. 6 f. Country and road as p.o. above, except at Dha-san which is crossed on starting by ford in dry season, by ferry (2 boats each carrying 40 men) in the rains.</p>
		457 m. 6 f.	

## Route No. VIII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
POLITICAL AGENT IN BUNDELKHAND AT NOWGONG.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.			<p>A large village.  <i>Camping Ground</i>.—420 × 380 yds. about <math>\frac{3}{4}</math> m. from village.  <i>Water</i>.—Plentiful, good, from 3 wells close to C. G. and for animals from a stream <math>\frac{1}{4}</math> m. from C. G.  <i>Supplies</i>.—Procurable.</p>
		40	<p>NOWGONG.—10 m. 7 f. Road metalled and <i>b., p. o., t. s.</i> good; pass Buragaon at 2 m. and Dauria at 6 m. Country largely cultivated. Nullahs well bridged.  A cantonment and civil station.  <i>Camping Ground</i>.—E. of cantonment and 1 m. from P. O.  <i>Water</i>.—Plentiful and good from well on C. G.  <i>Supplies</i>.—Abundant. A large bazar.</p>
		468 m. 5 f.	
		41	<p>DOHNI.—11 m. Country partially cultivated, with patches of jungle. At <math>8\frac{1}{2}</math> m. pass Laghasi (good site for camp).  A small village.  <i>Camping Ground</i>.—370 × 370 yds. W. of road and <math>\frac{1}{2}</math> m. from village.  <i>Water</i>.—Good from well in <i>b.</i> compound.  <i>Supplies</i>.—Scarce.</p>
		480 m. 5 f.	
		42	<p>SRINAGAR.—12 m. Road as before. <i>p. o.</i> Country hilly and jungly. In 8th m. cross Urmel stream by Irish bridge, fordable except in rains.</p>
		492 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Military.		
POLITICAL AGENT IN BUNDELKHAND AT NOWGONG.			<p><b>A village.</b>  <i>Camping Ground.</i>—60,670 sq. yds. E. of, and close to village.  <i>Water.</i>—One well on C. G. quality doubtful, said to be salty.  <i>Supplies.</i>—Practically unobtainable, very poor district owing to lack of irrigation.</p>
		43	<p><b>MAHOBA.</b>—9 m. 6 f. Country flat and partially cultivated, wells alongside road.  <i>Camping Ground.</i>—300 × 200 yds. near Tahsildar's quarters.  <i>Water.</i>—One well on C. G. excellent water others near.  <i>Supplies.</i>—Abundant.  A large village. Civil station, residence of Commissioner.</p>
		501 m. 3 f.	
		44	<p><b>KABRAI.</b>—11 m. 2 f. Country flat, jungle, no view from road. Pass road to Hamirpur on corner of C. G. At 1½ m. cross Jhansi-Manikpur Railway line S. to N. and pass track leading to Kabrarie.  <i>Camping Ground.</i>—600 × 400 yds. wet.  <i>Water.</i>—3 wells and near C. G.  <i>Supplies.</i>—On notice.</p>
		512 m. 5 f.	
		45	<p><b>MATAUNDH.</b>—10 m. 6 f. Country mostly open, cultivated, no fences, no roads. Good road. Pass road to r. s. on leaving C. G.</p>
		523 m. 3 f.	

AUTHORITIES.

Civil

POLITICAL AGENT IN BUNDELKHAND AT NOWGONG.



PRIITIES.	No. of stage and total distance.	Route No. VIII.	
Mili- tary.			
COLONEL COMMANDANT, 2011 INDIAN INFANTRY BRIGADE.		<p><i>Camping Ground.</i>—100,000 sq. yds. right side of road entering village, partly cultivated.  <i>Water.</i>—One well on C. G.  <i>Supplies.</i>—Procurable.</p>	
	46	<p>BANDA.—12 m. 4 f. Large town, civil station, population 20,000.</p>	
	535 m. 7 f.	<p>Country very open, road good.            Ferry over river Kain (or Ken) 1 m. from Banda approach from W. side very difficult, under repair. Eight boats used in rains. Bridge of boats dry season. Boats when used as ferry carry 40 men, no heavy transport. Guns, etc., could be man-handled over Railway Bridge 300 yds. to S. of ferry.  <i>Motor-Service.</i>—From Banda to Chilla and from Chilla to Kirtal connecting with Fatepur, crossing river Jumna.  <i>Camping Ground.</i>—Near C. of E. Church 2 m. from city.  <i>Water.</i>—Plentiful and good.  <i>Supplies.</i>—Abundant.</p>	
	47	<p>PIPRENDA.—11 m. p. o.</p>	
	546 m. 7 f.	<p><i>Camping Ground.</i>—Extensive S. of village.  <i>Water.</i>—2 wells.  <i>Supplies.</i>—Except forage abundant.</p>	

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Mili- tary.		
P. A., BUNDELKHAND AT NOWGONG.	G. O. C., JHANSI BRIGADE.	48	CHILLATARA.—12 m. Village near Junction <i>p. o., b.</i> Jumna and Ken rivers.
		558 m. 7 f.	<i>Camping Ground.</i> —400 × 200 yds. W. of road. <i>Water.</i> —Scarce; muddy; well. Jumna 2 m. beyond Chillatara. Bridge boats dry season ferry rains. River 6 f. wide rains. 20 boats for ferry. Laluali big village across river. Connects with U. P. District Routes 3, 19 and 20.

## Route No. IX.

FROM SIPRI TO DHOLPUR.

Length 113 m.

9 Marches.

*Authority and date.*—Gwalior-Dholpur by 17th Infantry,  
October 1921.

*Epitome.*—To Sipri by Route VIII. Thence a metalled road, with a light railway running alongside and often on the roadway, as far as Gwalior.

The road is fit for motors throughout; near Gwalior there is a succession of up and down gradients, none very steep; the drivers must look out for Irish bridges in the hollows. The Chambal river is crossed by a bridge of boats in the dry season, and by a ferry in the rains. There are sign posts at most of the cross roads. The road is generally known as the Bombay-Agra road.

By Route VIII from Bombay in 52 marches, length 606 m. 6f.

AUTHORITIES		No. of stage and total distance.	Route No. IX.
Civil.	Military.		
RESIDENT AT GWALIOR.	O. C., 20TH IND. INFY.	1	SANTANWARA.—9 m. 6 f. Good metalled <i>b., p. s., t. s.</i> road throughout.
		9 m. 6 f.	<i>Camping Ground.</i> —400×360 yds. marked by 4 boundary pillars.
			<i>Water.</i> —Good from nala, and tank 500 yds. S.-E. of camp.
			<i>Supplies.</i> —
		2	CHORPURA.—14 m. Road as above.
		23 m. 6 f.	<i>b., p. s., t. s.</i> Pass Kakar at 1 m. dak bungalow at 9 m. and Choral Khera near end of stage.
			A small village.
			<i>Camping Ground.</i> —530×24 yds. 600 yds. W. of village, with boundary pillars.

AUTHORITIES.		No. of stage and total distance.	Route No. IX.
Civil.	Military.		
RESIDENT AT GWALIOR.	COLONEL COMMANDANT 20TH INDIAN INFANTRY BRIGADE.	3	<p><i>Water</i>.—Good from 2 wells, and stone trough which requires mending near C. G.</p> <p><i>Supplies</i>.—Scarce.</p>
		35 m. 5 f.	<p>MAHONA.—11 m. 7 f. Road as above.</p> <p><i>b., p. s., t. s.</i> Cross nala at 6 m. by a permanent causeway, a branch of river at 8½ m. and Parbati river at 11 m., both by stone bridges.</p> <p>A good-sized village.</p> <p><i>Camping Ground</i>.—165,000 sq. yds. about 100 yds. S. of village, rough, in old burial ground.</p> <p><i>Water</i>.—Good from wells and the Parbati river, 1 m.</p> <p><i>Supplies</i>.—On notice.</p>
		4	<p>GHATI WALGAON.—15 m. Road as above.</p> <p><i>b., r. s., t. s.</i> Country jungly and stony: hills at Rehat.</p> <p>Cross a branch of Parbati at m. 1.</p> <p><i>Camping Ground</i>.—400×400 yds. bad and stony, demarcated, ¼ m. S.-W. of village.</p> <p><i>Water</i>.—Poor supply.</p> <p><i>Supplies</i>.—Scarce.</p>
		5	<p>NAIGAON.—10 m. 1 f. Road as above.</p> <p>Country barren and marked by low rocky hills.</p> <p>At 6½ m., Paniar (<i>r. s.</i>)</p> <p>A small village.</p> <p><i>Camping Ground</i>.—400×400 yds., 280 yds. N.-E. of village</p>
		80 m. 6 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. IX.
Civil.	Military.		
RESIDENT AT GWALIOR.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.			<p><i>Water.</i>—Well (good) 100 yds. from C. G., sufficient for one battalion; another well in village.</p> <p><i>Supplies.</i>—From Gwalior.</p>
		6	<p>GWALIOR.—11 m. Road metalled and bridged. <i>p. o., t. s., r. s.</i></p> <p>Country scantily cultivated; low hills here and there.</p> <p><i>Camping Ground.</i>—Nowalaka parade ground.</p> <p><i>Water.</i>—Good and plentiful. Wells with troughs in lines of I. S. Lancers. Permission of Maharaja necessary to use these.</p> <p><i>Supplies.</i>—All kinds of supplies procurable.</p> <p>To Kamptee by Route 38, 42 marches.</p> <p>To Nasirabad by Route 69, 23 marches.</p>
		71 m. 6 f.	
		7	<p>NURABAD.—17 m. Road metalled and b. bridged; country fairly level and mostly cultivated. A fair-sized village.</p> <p><i>Camping Ground.</i>—400 × 400 yds. W. of road and 600 yds. S. of village.</p> <p><i>Water.</i>—For about 1½ battalions from well N. of C. G.</p> <p><i>Supplies.</i>—Procurable.</p>
		88 m. 6 f.	
		8	<p>DEORI.—12 m. 6 f. Road as above; country b. generally flat and cultivated. At ¼ m. cross Sank river; at 5½ m. cross Assan river; at 8¾ m. Johura. Cross Koari before reaching Deori.</p>
		101 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. IX.
Civil.	Military.		
RESIDENT AT GWALIOR.  OFFICER COMMANDING, 20TH INDIAN INFANTRY BRIGADE.		9	<p>A small village.</p> <p><i>Camping Ground.</i>—400×400 yds. E. of road, and 350 yds., N. of Koari river.</p> <p><i>Water.</i>—Good, from well and Koari river.</p> <p><i>Supplies.</i>—Limited on notice.</p>
		113 m.	<p>DHOLPUR.—11 m. 4 f. Cross the Chambal b., p.o., t.s., r.s. at 9½ m. by bridge of boats, under charge of Agra civil authorities, in dry season, in rainy season by ferry. In the hot weather there is a ford at Kaira, 4 m. up stream. The approaches to the railway bridge are so cut up by nullahs as to preclude passage of all infantry and led horses; the rail track itself is covered with loose ballast and is too narrow for all but infantry and led horses. Other arms must therefore use the bridge of boats, which however, is dismantled 15th June and 20th October each year. Four large ferry boats and 17 other boats are available for use during the rains, but 14 days' notice must be given to the District Surveyor at Agra.</p> <p>A large town.</p> <p><i>Camping Ground.</i>—120,680 sq. yds., 3 m. distant, sandy and uneven.</p> <p><i>Water.</i>—Plentiful, good, from well close to C. G.</p> <p><i>Supplies.</i>—On notice.</p>

## Route No. XI.

FROM DAMOH TO CHHABRA.

Length 207 m. 5 f.

19 Marches.

PORTION OF JUBBULPORE TO KELAT ROAD.

*Authority and date (month and year).*—Damoh-Saugor corrected October 1921 by 37th Dogras.

*Epitome.*—General direction N.-W. Road to Baran is unmetalled and in many places a mere cart-track. Baran to Kotah is metalled.

AUTHORITIES.		No. of stage and total distance.	Route No. XI.
Civil.	Military.		
D. C. AT DAMOH.	G. O. C., 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	1	<p>DAMOH.—From Jubbulpore in 6 marches distance 67 m. 1 f. (see Route No. VI).</p> <p>A small civil station.</p> <p><i>Camping Ground.</i>—S. of road and about <math>\frac{1}{4}</math> m. from Bazar.</p> <p><i>Water.</i>—Plentiful, good, from 2 wells, one with trough in good order on C. G. and the other in vicinity of camping ground.</p> <p><i>Supplies.</i>—Ample.</p>
		6 m. 6 f.	<p>BANSA.—6 m. 6 f. Country level and cultivated; road unmetalled, and in bad repair but bridged, and suitable for all arms; metalled for first mile, pass Korassa at 4, Sehora, and Pudaryah at 6 m.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. XI.
Civil.	Military.		
DEPUTY COMMISSIONER OF SAUGOR.	COLONEL COMMANDANT 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p>A moderate sized village near the Kopra.  <i>Camping Ground.</i>—180 yds. from village, on E. bank of river, Partially under cultivation.  <i>Water.</i>—Plentiful, from river, a new well with trough in good order.  <i>Supplies.</i>—Procurable.</p>
		2	<p>GARHAKOTA.—13 m. 3 f. Country level and cultivated, road metal-  led for 1st 5 m., remain-  der unmetalled, but suitable for all arms ;  cross the Kopra (100 ft. wide) on starting by  ford in dry season, by ferry (several boats)  in the rains and the Sonar (330 ft. wide) and  Gadheri <i>en route</i>, both by causeways in dry  weather, by ferry during rains.  A large village on the Gadheri.  <i>Camping Ground.</i>—38,960 square yds. S. of  road. Partially cultivated.  <i>Water.</i>—Good from 2 wells, one of which is a  pakka well on the bank of the river, and is  provided with pulleys and watering trough ;  the water depends on water from river, also  water from nala near C. G.  <i>Supplies.</i>—</p>
		20 m. 1 f.	
		3	
		34 m. 3 f.	<p>PARSORIA.—14 m. 2 f. Country undulating  and cultivated, jungly  at 8 m. ; road metalled  and bridged, suitable for all arms.  A small village.  <i>Camping Ground.</i>—S. of village, stony and  covered with scrub.</p>



AUTHORITIES.		No. of stage and total distance.	Route No. XI.
Civil.	Military.		
DEPUTY COMMISSIONER, SAUGOR.	COLONEL COMMANDANT, 21ST I. I. RDE.		<p><i>Water.</i>—Good from pakka well on C. G. with trough and iron pulleys, dries up in summer (another well in garden near camping ground).  <i>Supplies.</i>—Procurable.</p>
		4	<p>SAUGOR.—13 m. 4 f. Country undulating b., p. o., t. s., r. s. and jungly for 11 m. thence cultivated, road as in last stage; cross the Beas river at 2 m. by an iron suspension bridge.  A town, cantonment, and civil station.</p>
		47 m. 7 f.	<p><i>Camping Ground.</i>—For about 5 battalions, on brigade parade ground between the police and cavalry lines.</p> <p><i>Water.</i>—Abundant, good, from wells.  <i>Supplies.</i>—Plentiful. A military grass farm here.  Route 38 crosses here, and 36, 40 and 78 meet here.</p>
		5	<p>NARAUILL.—13 m. 4 f. Country hilly and cultivated; road metallled for 3 m. then unmetalled; suitable for all arms. Cross Amaoni and Kuran river.  A village situated between 2 hills.  <i>Camping Ground.</i>—<math>\frac{1}{4}</math> m. S. 200×200 sq. yds.  <i>Water.</i>—Good from 4 large wells.  <i>Supplies.</i>—Ample; one month's notice for fuel and fodder.</p>
		61 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. XI.
Civil.	Military.		
DEPUTY COMMISSIONER AT SAUGOR.	COLONEL COMMANDANT, 21ST I. I. BDE.	6	MANDRA.—8 m. Country jungly with sparse b., p. o., r. s., (JERU- cultivation; road 8 to WAKHERA). 18 ft. wide and unmetalled; practicable for cavalry; cross the Dassan river at 3 m. by an easy ford over a causeway, and the Sondri (bridged) at 4 m. A small village.
		69 m. 3 f.	Camping Ground.—200×200 yds. on both sides of road near r. s. Water.—Fair from a large nala and wells. Supplies.—On notice. Abundant fuel and fodder.
		7	KURALI.—11 m. 6 f. Country hilly and jungly b., p. o., r. s. (KHORI). at first, afterwards open and cultivated;
		81 m. 1 f.	road for 4½ m. very rough and stony, but improves afterwards, passable for cavalry, nala bridged, cross the Narain (fordable) at about 8½ m. A fair sized town. Camping Ground.—Space to encamp a regiment N. of town. Water.—Good from 3 large wells. Supplies.—Abundant. One month's notice required for large bodies.
		8	ERAN.—11 m. 4 f. Road metalled for ½ m. then cart track over stiff clay soil. Country cultivated as far as Roosulia; then undulating with thick jungle.
		92 m.	

## Route No. XI.

AUTHORITIES.		No. of stage and total distance.	Route No. XI.
Civil.	Military.		
P. A., BHOPAL, AT SEHORE.	DEPUTY COMMISSIONER SAUGOR.	COLONEL COMMDR., JUBBULPORE BRIGADE AREA.	<p>At 4 m. Roosulia with well. At 9 m. cross Bina river at Batson's Ghat, tortuous ford stony bottom, guide needed; a 2 ft. drop over ledge of rock in middle. River rises 15 ft. to 20 ft. after heavy rain and takes 2 or 3 days to subside. A ferry boat plies at Eran village, 3 miles down.</p> <p><i>Camping Ground.</i>—(i) 400×400 sq. yds. <math>\frac{1}{2}</math> m. S. W. of village.</p> <p>(ii) 200×200 sq. yds. <math>\frac{1}{2}</math> m. S.-E. of village, swampy in rains.</p> <p><i>Water.</i>—(i) Bina river</p> <p>(ii) one well and Bina river.</p> <p><i>Supplies.</i>—One month's notice required.</p>
		9	
		102 m. 5 f.	<p>KURWAI.—10 m. Road a cart-track over b., p.o. black cotton soil.</p> <p>Country level, low scrub as far as Barwal, then cultivation.</p> <p>At <math>2\frac{1}{2}</math> m. a nala, easy to ford, at <math>4\frac{1}{2}</math> m. Barwal; at <math>5\frac{1}{2}</math> m. cross G. I. P. Railway (Main Line). At <math>6\frac{1}{2}</math> m. Pannawar; at <math>7\frac{1}{2}</math> m. Saidpur; at 8 m. Bokhara.</p> <p>Kurwai is a town of 2,500 inhabitants on right bank of Betwa river, Headquarters of Nawab of Kurwai.</p> <p><i>Camping Ground.</i>—S. of fort, for one brigade.</p> <p><i>Water.</i>—Three wells near C. G. and Betwa river <math>\frac{1}{2}</math> m. distant.</p> <p><i>Supplies.</i>—For one regiment. Fuel and fodder on notice. About 50 carts available for transport.</p>
		COL. COMMDT., 20TH IND. INF.	

AUTHORITIES		No. of stage and total distance.	Route No. XI.
Civil.	Mili- tary.		
POLITICAL AGENT, JEYPUR.	OFFICER COMMANDING, 2 <sup>ND</sup> INDIAN INFANTRY BRIGADE, JHANSI.	10	GATWAR.—10 m. Road metalled for 8 m. then a cart track impassable in the rains.
		112 m. 5 f.	Country level, alternate cultivation and scrub jungle. At $\frac{1}{2}$ m. cross Betwa by causeway 200 yds. long; river impassable for 2 or 3 days after heavy rains, when a small ferry boat (capacity ten passengers) plies, at 1 m. Bhonrasa bungalow; at 8 m. enter Tonk State.
			<i>Camping Ground.</i> —300 × 200 sq. yds. 1 m. S. of road, near village.
			<i>Water.</i> —Three wells.
			<i>Supplies.</i> —Nil. One month's notice required.
		11	SIRONJ.—13 m. Road originally metalled, b., p. o., t. s. now a cart-track in very bad order.
		125 m. 5 f.	Country level, black cotton soil. At 5 m. a small nala; at $7\frac{1}{2}$ m. cross stream by low causeway; at end of stage cross Kethan river. Sironj (pop. 12,000) is a big grain centre; the bungalow is S. of the town.
			<i>Camping Ground.</i> —1 m. N. of town for one brigade.
			<i>Water.</i> —Three wells on C. G.; also river.
			<i>Supplies.</i> —One month's notice required.
			About 200 carts can be obtained except in the rains and at harvest time.
		12	BATTAN-BERRA.—11 m. Road a octnurty cart-track. At start steep and stony as cent of hill; N. W. of town; the over un-
		136 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. XI.
Civil.	Mili- tary.		
P. A., JEYPUR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<p>dulating red soil through scrub jungle to Depur, whence cultivated black cotton soil. At 6 m. Depur; at 8 m. Anuppur Rattan-Berra consists of 60 houses.</p> <p><i>Camping Ground.</i>—For one brigade on undulating ground by village.</p> <p><i>Water.</i>—Three wells in village. Small tank in cold weather.</p> <p><i>Supplies.</i>—Nil One month's notice required.</p>
		13	<p>RAMPUR.—10 m. 4 f. Road a cart-track. Country cultivated; black cotton soil.</p> <p>At 1½ m. Maliakheri and cross a nala; at 4 m. Scind river, 100 yds. wide, impassable after heavy rains, villages of Bhagwantpur and Simen situated on banks.</p> <p>Rampur consists of 60 houses.</p> <p><i>Camping Ground.</i>—100×100 sq. yds.</p> <p><i>Water.</i>—1 well on C. G., 3 in village, small tank 200 yds. S.</p> <p><i>Supplies.</i>—Scarce. One month's notice required.</p>
P. A., GWALIOR.		147 m. 1 f.	
RESIDENT AT GWALIOR.		14	<p>AROUN.—6 m. 2 f. Road a cart track; cross p.o. a nala at 3 m; then pass Siwajpur.</p> <p>Aroun is a good sized village with a small stone fort.</p> <p><i>Camping Ground.</i>—Spacious site close to road S. of village.</p>
		153 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. XI.
Civil.	Military.		
RESIDENT AT GWALIOR.	COLONEL COMMDT., 20TH INDIAN INFANTRY BRIGADE, JHANSI.	15	<p><i>Water</i>.—From wells and pond near camping ground.</p> <p><i>Supplies</i>.—Procurable at one month's notice.</p>
		164 m. 7 f.	<p>SATTANPUR.—11 m. 4 f. Country level and chiefly cultivated; road as above; cross a nala by an easy ford at 5½ m. and pass Khuja at 8 m.</p> <p>A moderate-sized village.</p> <p><i>Camping Ground</i>.—62,500 sq. yds. close to road and village.</p> <p><i>Water</i>.—Good, but limited, from 3 wells near camping ground.</p> <p><i>Supplies</i>.—Scarce, one month's notice required.</p>
		16	<p>GOONA.—10 m. Country undulating and b., p. o., t. s. r. s. mostly jungle; road as above; pass Behta at 4 m.</p> <p>A cantonment and town.</p> <p>Small amount of transport available.</p> <p><i>Camping Ground</i>.—Several sites available.</p> <p><i>Water</i>.—From wells in adjacent gardens and from hospital well.</p> <p><i>Supplies</i>.—Plentiful.</p>
		17	<p>DHARNAUDA.—15 m. Country level and p. o., t. s. for most part cultivated; road metalled, good; pass Gurha at 7 m. and Muradapur at 12 m.</p> <p>A village with an old fort.</p> <p><i>Camping Ground</i>.—Extensive site about ½ m. from village.</p>
		189 m. 7 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. XI.
Civil.	Mili- tary.		
RESIDENT, JEYPUR.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			<p><i>Water.</i>—Good, for battalion, from wells near camping ground. <i>Supplies.</i>—Procurable.</p>
		18	<p>BHOLAUN.—8 m. 6 f. Country cultivated, with low hills, cross the Parbati river at 2 m. by ford, except after heavy rain. Road metalled and good. A village <math>\frac{3}{4}</math> m. from road. <i>Camping Ground.</i>—220×220 yds. just S. of village near Betli stream. <i>Water.</i>—Plentiful, and good, from wells; for animals from the Betri stream. <i>Supplies.</i>—Procurable.</p>
		198 m. 5 f.	
		19	
		207 m. 5 f.	<p>CHHABRA.—9 m. Country and road as in last stage, road runs parallel to railway line as far as Baran; pass Bindarara at 4 m. A wall town with hill fort. <i>Camping Ground.</i>—E. of and near town. <i>Water.</i>—Plentiful, good, from wells, and (for animals) from the Betri close to C. G. <i>Supplies.</i>—Procurable.</p>

## Route No. XII.

FROM SURWAL TO DOHAD.

Length 621 m. 1 f.

60 Marches.

*Authority and date (month and year).*—Corrected under the orders of the Colonel Commandant, 21st Indian Infantry Brigade, Jubbulpore, December 1921.

*Epitome.*—General direction W. by S. to Bir thence W. by N. between Maihar and Harda. From Surwal to Jubbulpur the road is unmetalled but motorable in fair weather. The following portions of this route are metalled and motorable in all seasons :—

Jubbulpore—Shahpura.

Narsinghpur—Kareli.

Hatwas—Hoshangabad.

Harda—Handia.

Connects with U. P. District Route No. 15 at Surwal.

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
POL. AGENT, BAGHELKHAND, AT SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	1	<p>SURWAL.—A small village.  <i>Camping Ground.</i>—<math>\frac{1}{4}</math>  m. S. of village at cross  roads.  <i>Water.</i>—Two wells, tank.  <i>Supplies.</i>—  From Allahabad in 3 marches (see Volume VIII  of 1910).</p> <p>SOHAGI.—8 m. Country fairly cultivated.  Road raised, and gene-  rally bridged, but un-  metalled. Cross the Tonse (bed 500 yds.)</p>
		8 m.	



## Route No. XII.

AUTHORITIES.		No. of stage and total distance.
Civil.	Military.	
POLITICAL AGENT, BAGHELKHAND, AT SUTNA.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p>wide, banks steep and difficult for carts) at Charke village 4 m., by small bridge of boats in dry season, by ferry (3 boats, capacity 50 men each) in rains.</p> <p>A village at the foot of the Sohagi pass and 3 m. from the Rewa border.</p> <p><i>Camping Ground.</i>—E. of road and <math>\frac{1}{2}</math> m. N. of village.</p> <p><i>Water.</i>—Good, from well and tank near C. G.</p> <p><i>Supplies.</i>—Limited on notice. Grass and firewood plentiful.</p>
		<p>2</p> <p>TINDUA.—15 m. 5 f. Country jungly at first ; then well cultivated and flat. Road as above. At 7 m. Katra and 13 m. Garh.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—600 yds. N. in mango grove.</p> <p><i>Water.</i>—From a well 200 yds. S.-W. of tank, 150 yds. S. of C. G.</p>
		<p>3</p> <p>MANGAWAN.—11 m. 3 f. Road as above. <i>b., p.o.</i> Country flat and cultivated. At 2 m. Tikari; at <math>4\frac{1}{2}</math> m. Diha; at <math>5\frac{1}{2}</math> m. Parwar; cross Pakaryar Nadi at <math>8\frac{1}{2}</math> m. by strong ford, impassable in rains.</p> <p>A large village, about 1,200 yds. N. of road.</p> <p><i>Camping Ground.</i>—At junction of Great Deccan and Rewah-Mirzapur roads.</p> <p><i>Water.</i>—From well near <i>b.</i>, 300 yds. S. and tank E. of C. G.</p> <p><i>Supplies.</i>—Ample on notice. Only small quantities at hand. Grass and firewood scarce.</p>

## Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
POLITICAL AGENT, BAGHELKHAND, AT SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		
		4	RAIPUR.—7 m. 7 f. Road metalled but not bridged. Country as above.
		42 m. 7 f.	Cross the Bakhsha at 3½ m. and Mahanadi at end of march, by causeway, impassable in the rains. A good sized village ½ m. S. of road. <i>Camping Ground.</i> —In mango grove, N. of road and 1 m. N.-E., of village. <i>Water.</i> —Plentiful, from Mahanadi, 350 yds. E. of, and 2 wells on C. G. <i>Supplies.</i> —In small quantities on notice. Grass and firewood plentiful.
		53 m. 1 f.	5 REWAH.—10 m. 2 f. Road raised, bridged and metalled. Country undulating, open and mostly cultivated. At end of stage cross Gogur River, passable except during heavy rain. A town of 36,000 inhabitants. Capital of Rewah State. There are Civil, Military, police and Native Hospitals and a Veterinary Hospital.  There is a state garage but petrol is not on sale.  There is now no Dak Bungalow.  There is a daily State Service of Motor Busses to and from Sutna.

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
POLITICAL AGENT, RAGHELKHAND, AT SUTNA.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Camping Ground</i>.—N.-W. of town beyond Gogur River. Demarcated water from two wells near ground.</p> <p><i>Supplies</i>.—Available on notice but quantity depends on season. This applies to all towns between here and Jubbulpore.</p> <p>From here to Damoh by Route II (Eleven) in 13 marches. A good metalled road as far as Sutna.</p> <p><i>Water</i>.—Plentiful; one well S. and one W. of C. G.; also Bihar river.</p> <p><i>Supplies</i>.—Ample.</p> <p>From here to Damoh by route 11 in 13 marches.</p>
		6	<p>KATRA MOHARI.—13 m. 1f. A good metalled road through country as before for first <math>6\frac{1}{4}</math> m. Thence a good fairweather road which has once been metalled but is not kept up. At <math>6\frac{1}{4}</math> m. metalled road to Sutna (31 miles 3 marches.)</p> <p><i>Camping-Ground</i>.—At present undemarcated. N. W. of road opposite milestone 125m. 6f. from Jubbulpore. No shade. Water from a tank 130 yards N.-E. of ground.</p> <p><i>Supplies</i>.—See Rewah.</p>
		66 m. 6 f.	
		7	<p>AMARPATAN.—14 m. Country, and road as last portion of preceding stage. 3 bricked nullahs not passable during heavy rain.</p> <p><i>Camping-Ground</i>.—Demarcated, opposite mile stone 112 from Jubbulpore. No shade. Water from well 300 yards E. of ground. Animals</p>
		80 m. 6 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
POLITICAL AGENT, BAGHELKHAND, AT SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	8	<p>can water from Jhinna River which dries up about April.</p> <p><i>Supplies.</i>—See Rewah.</p> <p>Dak Bungalow reverted to State and not available.</p> <p>MAIHER.—14 m. 1 f. Country and road as before except last 7 m. which are metalled. At 11½ m. cross Tonse River by a brick High Level Bridge.</p> <p>The capital of Maiher State. Dak Bungalow. Post and telegraph Offices. Railway Station. From here to Harda the railway and road are never more than 3 miles apart.</p> <p><i>Camping-Ground.</i>—Demarcated, ½ mile S. of wall d town. Water from 2 wells S. on ground and a tank for animals. Little shade.</p> <p><i>Supplies.</i>—See Rewah.</p> <p>A large walled town the capital of Maiher State.</p> <p><i>Camping Ground.</i>—240×120 yds. ½ m. S. of city and 50 yds. W. of road demarcated.</p> <p><i>Water.</i>—Good from large wells S. of C. G. For animals from 2 tanks.</p> <p><i>Supplies.</i>—Moderate amount always at hand; plentiful on notice.</p>
		94 m. 7 f.	
		9	<p>GHUNWARA.—12 m. 3 f. Country undulating; open and cultivated. Road as before and surface good.</p> <p><i>Camping-Ground.</i>—Demarcated N. W. of village. Water from 2 wells near C. G., and a tank for animals.</p> <p><i>Supplies.</i>—See Rewah.</p>
		107 m. 2 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Mili- tary.		
POLITICAL AGENT, BAGHELKHAND, AT SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	10	SUBAHGANJ.—12 m. 2f. Road as above except that in first 4 m. there are several brick-
		119 m. 5 f.	ed nullas and from 8 miles to end of stage the road consists of a series of small switchbacks over 6 bricked nullas and finally one unbricked one. The road passes along a valley between high and nearly perpendicular hills on the W. from 300 to 800 yards and on the E. high sloping hills about a mile away. At 4th mile pass Amdara. A small village with Inspection Bungalow, Railway Station and post and telegraph offices. <i>Camping-Ground.</i> —Demarcated. N. E. of village. Heavy undergrowth after rains. <i>Water.</i> —From 2 wells near ground and tank for animals. <i>Supplies.</i> —See Rewah. From here by Route 85 to Damoh and Saugor. Road almost impassable.
		11 128 m. 5 f.	KYLWARA.—9 m. In the first 1½ m. the road crosses 5 bricked and finally one unbricked nulla. All impassable during heavy rains and the latter a source of difficulty to motors at all times. There are danger notices on each side of each nulla. Country as before. In the 7th m. the road crosses a bricked irrigation nulla in which there is about a foot of water till December. A small village in British Territory. <i>Camping Ground.</i> —S. of village and W. of road. Demarcated. <i>Water.</i> —From 2 wells E. of C. G. <i>Supplies.</i> —See Rewah.

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, JUBBULPORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY, BRIGADE, JUBBULPORE.	12	KATNI-MURWARA.—7.4. Gentle descent cultivated and partly through country partly
		136 m. 1 f.	jungly. Road at first; good unmetalled but last 3 miles poorly metalled. All nullas bridged. A large and growing town with several important cement works in the neighbourhood. It is the Hdqs. of a Tehsildar in the Jubbulpore Division. Dak and Inspection Bungalows Post and telegraph offices.
			Katni Station is on the E. I. R. and Murwara (about $\frac{3}{4}$ mile away) is on the G. I. P.
			<i>Camping-Ground.</i> —A new ground with well laid out W. of road before reaching town. Trees planted about 1911 as yet little shade.
			<i>Water.</i> —From well on ground.
			<i>Supplies.</i> —See Rewah, but there is a large Bazaar.
		13	PIPRODHI.—8 m. First two miles level, surface very poor. Several level crossings.
		144 m. 1 f.	Thence gentle slope downhill, surface good. Country at first cultivated, then jungly. All nullas bridged.
			Railway and telegraph at Niwar Station 3 miles E. of road.
			<i>Camping-Ground.</i> —S. of village. Demarcated. swampy during and just after rains, heavy under growth. Shade good.
			<i>Water.</i> —A small well reported to run day in summer; 3 perennial streams. Tank for animals.
			<i>Supplies.</i> —See Rewah.

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
DEPUTY COMMISSIONER, JUBBULPORE.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		14	SLEEMANABAD.—8 m. 4 f. Country undulating and very jungly. Surface as before, but very poor near villages. All nullas bridged. Railway Station and telegraph office at Sleemanabad Station about 3 miles E.
		152 m. 5 f.	<i>Camping-Ground.</i> —Two, one N. of village, E. of Road, Shade good but heavy undergo with after rains. <i>Water.</i> —Plentiful from well and stream. Second ground, S. of village, W. of road. No shade, water from well and tank. <i>Supplies.</i> —See Rewah.
		15	SIHORA.—13 m. 6 f. A gentle descent through jungly country for first half of stage, thence level through open and cultivated country. All nullas bridged except two surface drains near Sihora. These are passable except when heavy rain is falling. Dak Bungalow and Civil Dispensary. Hqs. of a Tahsildar in the Jubbulpore Division. <i>Camping-Ground.</i> — $\frac{1}{4}$ m. N. E. of village on both sides of road, demarcated. Large and excellent shade. <i>Water.</i> —From perennial well and stream $\frac{1}{4}$ m. N. for animals. Stream runs dry about April or May. <i>Supplies.</i> —From a large bazaar, but see Rewah. Railway and telegraph at Sihora Road Station 2 m. S. E.

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
DEPUTY COMMISSIONER, JUBBULPORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	16	GOSALPUR.—8 m. Road and country as last portion of preceding stage, but surface of road sandy in places. At 2 m. cross Hiran River. A kutchra bridge is built by middle of December. During heavy rains a ferry (Capacity one motor car or 30 men). River soon commences to fall and usually by middle or end of July the ferry cannot float. From then till completion of Bridge the only means of crossing is one rowing boat. Cycles but not motor cycles can be carried. Approaches to river bank all the year. Either deep ruts or deep sand and steep. Infantry might cross on railway Bridge about 100 yards E.
		174 m. 3 f.	
		17	PANAGAR.—9 m. Road slightly undulating at first and then level. Surface metalled but very poor. All nullas bridged. Country open and cultivated. Railway and Telegraph. Deori Station 1 mile N. E. Small Inspection Bungalow and Missionary Dispensary. <i>Camping-Ground.</i> —Demaracted. Swampy during rains and heavy undergrowth immediately after.
		183 m. 3 f.	

Railway and telegraph, Gosalpur Station.  
*Camping-Ground.*—600 yards S. of village.  
 Demaracted.

*Water.*—From perennial well.

*Supplies.*—See Rewah.



AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
DEPUTY COMMISSIONER, JUBBULPORE.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Water.</i>—From one well and stream which runs dry about April or May.</p> <p><i>Supplies.</i>—See Rewah.</p>
		18	<p>JUBBULPORE.—10 m. 3 f. Road metalled, raised and bridged, but surface poor. Motorable in fair weather and with difficulty during rains. Country level open and cultivated. Headquarters 21st Indian Infantry Brigade and of a Civil District. British Station Hospital. Two Circuit Houses, Dak Bungalow, Inspection Bungalow and Hotels.</p> <p>The Garrison consists of a Regiment of Native Cavalry. A Brigade (less one Battery) of R. A. A British and Indian Infantry Battalions, Signal Training Centre and Depot and Native Infantry Depot.</p> <p><i>Camping-Ground.</i>—Will be allotted by Colonel Commandant, Jubbulpore.</p> <p><i>Supplies.</i>—Plentiful from Sudder Bazaar and City.</p> <p>From here by Route VI Dhanura to Srinagar <i>via</i> Kamptee, and by Route XI <i>via</i> Damoh to Nasirabad. Also Minor Route 10 to Birsinghpur and 43 to Borai.</p>
		193 m. 6 f.	
		19	<p>MIRGANJ.—9 m. 7 f. Country level and cultivated; road metalled and bridged, suitable for all arms. Nalas forable; at 3½ m. pass Gusha.</p> <p>A small village.</p>
		203 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.
Civil.	Military.	

## Route No. XII.

D. C. JUBBULPORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	20	<p><i>Camping-Ground.</i>—280 × 200 yds. S. of road.  <i>Water.</i>—Good from a well and for animals from a small lake, N.-W. of and close to C. G.  <i>Supplies.</i>—Procurable.</p>
		210 m. 1 f.	<p>SHAHPURA.—8 m. Country, road, nalas as  <i>p. o., r. s.</i> before, except that  from 2 m. 6 f. road  is unmetalled.  A large village.  <i>Camping-Ground.</i>—S. of road and near village.  <i>Water.</i>—Plentiful, good, from 3 wells in vicinity  of C. G.  <i>Supplies.</i>—On notice.</p>
		21	<p>KAMARIA.—8 m. Country undulating and  covered with scrub  jungle, but cultivated,  towards end of stage; road unmetalled but  partially bridged and suitable for all arms;  cross the Nerbadda by ford over loose heavy  soil in the dry season, by ferry (1 boat carrying  20 men) in the rains; then ascend to Jhansighat  on S. bank by a steep path.  A large village.  <i>Camping-Ground.</i>—10,000 sq. yds. S. of road.  <i>Water.</i>—Plentiful from 3 wells in good order.  <i>Supplies.</i>—On notice.</p>
		218 m. 1 f.	
D. C. NARSINGHUR		22	<p>CHHINDWARA-CHOTA.—5 m. Road and  <i>p. o., r. s.</i> nala as above.  A large village.</p>
		223 m. 1 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
DEPUTY COMMISSIONER, NARSINGHPUR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Camping Ground.</i>—Small 100 yds. N. of road.  <i>Water.</i>—Good from 2 wells in good order, and for animals from stream near C. G.  <i>Supplies.</i>—Procurable.</p>
		23	<p>BELKERI.—11 m. 6 f. Country and road as above. Cross Umar at 4 m. 6 f. and Banganga at 7 m., both generally fordable. A large village.</p> <p><i>Camping Ground.</i>—120×100 yds. S. of road.  <i>Water.</i>—Good from Sher river, 150 yds. from C. G.  <i>Supplies.</i>—Procurable.</p>
		234 m. 7 f.	
		24	<p>NARSINGHPUR.—11 m. Country and nalas b. p. o., r. s., t. s. as above; road as before for first 6 m.; thence metalled and bridged; cross the Sher on starting by ferry (2 boats, each carrying 20 men) and pass Khandara at 7 m. A small civil station.</p> <p><i>Camping Ground.</i>—240×160 yds. W. of and close to the town hall.  <i>Water.</i>—Plentiful, good, from 2 wells at a little distance, for animals from a <i>nala</i> in vicinity of C. G.  <i>Supplies.</i>—Abundant.</p>
		245 m. 7 f.	
		25	<p>KARELI.—9 m. 2 f. Country as above road unmetalled, nalas fordable. Cross the Barurewa (generally fordable) at 4½ m. A large village.</p>
		255 m. 1 f.	

## Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER OF HOSHUNGABAD.	D. C., NARSINGHPUR.		<p><i>Camping Ground.</i>—100×440 square yds. E. of and near village.</p> <p><i>Water.</i>—Plentiful, good, from 2 wells, 100 yds. from C. G. also 1 tank near C. G.</p> <p><i>Supplies.</i>—Procurable.</p>
		26	<p>PANARI.—8 m. 4f. Country open, cultivated (wheat) road as above, except that the latter is metalled for the 1st m.; pass Bandesur at 4 m.</p> <p>A large village.</p> <p><i>Camping Ground.</i>—98,000 square yds. 100 yds. E. of village and broken by <i>nalas</i> running across it; ground kept clear of brush wood.</p> <p><i>Water.</i>—Plentiful, good, from many wells in vicinity of C. G.</p> <p><i>Supplies.</i>—On notice.</p>
DEPUTY COMMISSIONER OF HOSHUNGABAD.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	27	<p>GADARWARA.—12 m. Country, road, and b., p. o., t. s., p. s., <i>nalas</i> as above, pass Kauriya ((p.o.) at 9½ m. and cross the Sukur, near end of stage by ford and in rains by ferry, 1 boat carrying 40 men.</p> <p>A large village.</p> <p><i>Camping Ground.</i>—348,500 square yds. 50 yds. W. of village.</p> <p><i>Water.</i>—Plentiful, good, from 3 wells, and for animals from 2 tanks in vicinity of C. G.</p> <p><i>Supplies.</i>—Abundant.</p>
		275 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF HOSHUNGABAD.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	28	NANDNAIR.—7 m. Country and road as above; pass Amagaon at 5 m. and cross the Umar (fordable) at end of stage, unsuitable for artillery, unfordable in rains; road here bad. A small village. <i>Camping Ground</i> .—348,500 square yds. 500 ydsr S. W. of village. <i>Water</i> .—Plentiful, good, from 3 wells and the Uhr stream near C. G. <i>Supplies</i> .—On notice.
		297 m. 5 f.	BANKHERI.—15 m. Country sparsely cultivated; road as above; pass Panagar at 7½ m. and cross the Dudhi river immediately afterwards by ford in dry season, by ferry (1 boat carrying 20 men) in the rains. A large village. <i>Camping Ground</i> .—87,120 sq. yds., 50 yds. N. of village. <i>Water</i> .—Plentiful, good, 3 wells and the Ole stream near C. G. <i>Supplies</i> .—Procurable.
		310 m. 2 f.	HATWAS.—12 m. 5 f. Country, road, and r. s. (PIPARIA). nalas as above. Cross the Arjan at 5 m. and Kurini at end of stage, both fordable except after heavy rain. A large village

## AUTHORITIES.

Civil.

Mili-  
tary.No.  
of  
stage  
and  
total  
distance.

## Route No. XII.

DEPUTY COMMISSIONER OF HOSHUNGABAD.

COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.

31

321 m.  
3 f.

on the left bank of the Kurini Piparia, r.s., is 1 m. S. of Hatwas whence an unmetalled road runs to Pachmari, 30 m.  
*Camping Ground.*—325,250 sq. yds.  $\frac{1}{2}$  m. N.-E. of village.  
*Water.*—Not sufficient from a well 61 ft. deep, but there is a river close by.  
*Supplies.*—Procurable.

SOHAGPUR.—11 m. 1 f. Country well b., p. o. r. s. t. s. cultivated (wheat) road partly bridged for 1st  $8\frac{1}{2}$  m. thence metalled. Pass Nemari at 4 m. and Naptana at 6 m.  
 A large town.

*Camping Ground.*—144,220 sq. yds., E. of village not kept clear of brushwood.  
*Water.*—Ample, good, from 6 wells and the Palakmati river close to C. G.  
*Supplies.*—Abundant.

32

328 m.  
7 f.

SEMRI-HARCHAND.—7 m. 4 f. Country p.o., r.s. and nalas as before. Road metalled for

first  $2\frac{1}{2}$  m. only. Cross Palakmati on starting, by ford in dry season, by bridge  $\frac{3}{4}$  m. up river in the rains. Pass Bamhourai at 2 m. A fair-sized village.  
*Camping Ground.*—305,860 sq. yds. 200 yds. E. of village.  
*Water.*—Plentiful, good, from a private well and another close by, and a nala close to C. G.  
*Supplies.*—Procurable.

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
DEPUTY COMMISSIONER OF HOSHUNGABAD.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	33	BABAL.—10 m. Country and nalas as above; road neither metalled nor bridged, but practicable for all arms. Pass Bhutwara at 5½ m. A large village. <i>Camping Ground</i> .—750×400 yds. 250 yds. E. of village. <i>Water</i> .—Plentiful, good from numerous wells, 3 being near C. G., other wells in village. <i>Supplies</i> .—Procurable.
		338m. 7 f.	
		34	TAWA RIVER.—6 m. 2 f. Road and nalas as before. Pass NEAR NIMSANDIA Anchalkheri at 4 m. and cross Tawa river at end of stage, by ford in dry season (double span of animals necessary for heavy carts) boat (carrying 20 men or 1 cart) in rains. A village. <i>Camping Ground</i> .—449,350 sq. yds. on left bank 1½ m. E. of Nimsandia. Soil sandy, not kept clear of brushwood. <i>Water</i> .—Ample, a good well, also from river. <i>Supplies</i> .—On notice.
		345 m. 1 f.	
		35	HOSHUNGABAD.—8 m. 6 f. Road metalled and bridged after b. p. o. t. s. r. s. 1st 3 m. Country slightly undulating and cultivated. At 1½ m. Nimsandia; at 4 m. Jhasulpur. A civil station on left bank of Nerbadda river, Headquarters of Commissioner.
		353 m. 7 f.	



## Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER OF HOSHUNGABAD.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		36	<p><i>Camping Ground.</i>—600×400 yds. on bank of river <math>\frac{1}{2}</math> m. N.-W. of town demarcated.</p> <p><i>Water.</i>—Good from river.</p> <p><i>Supplies.</i>—On 15 days' notice.</p> <p>DULARIA.—12 m. Good fair-weather road, p.o. r.s. (<math>1\frac{1}{2}</math> m.).. unmetalled. Country open. At 4 m. Rokna; at 7 m. Samnalkhera; at 9 m. Berikheri and cross nala by ford. A good sized village with a few shops. (Semri p.o. and r.s., <math>1\frac{1}{2}</math> m. S.-E. of village.)</p> <p><i>Camping Ground.</i>—Extensive, demarcated, 300 yds. S. of village on right bank of Hathara river.</p> <p><i>Water.</i>—Abundant from wells and river.</p> <p><i>Supplies.</i>—On notice.</p>
		365 m. 7 f.	
		37	<p>BAGHWARA.—6 m. 6 f. Road and country r.s. (2 m.). as above.</p> <p>At <math>\frac{1}{4}</math> m. a river; at <math>3\frac{1}{4}</math> m. a nala; at 3 m. 3 f. Rutmara, a big village S. of road.</p> <p>This stage crosses 4 rivers and one large nala, difficult in the rains.</p> <p>A small village with a few shops.</p> <p><i>Camping Ground.</i>—100 yds. S. of village on right bank of Hajaria nala.</p> <p><i>Water.</i>—Abundant from wells and road.</p> <p><i>Supplies.</i>—On notice.</p>
		372 m. 5 f.	
		38	<p>SEONI.—9 m. 2 f. Road and country as b., p. o., l. s., r.s., (<math>1\frac{1}{2}</math> m.) above.</p> <p>At 1 f. Hajaria dnala; at 7 f. a nala.</p>
		381 m. 7 f.	



AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
DEPUTY COMMISSIONER, HOSHANGABAD.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			At $1\frac{1}{2}$ m. Dharam Kundi r.s. cross railway ; at 3 m. 2 f. and 3 m. 7 f. nalas with pakka causeways ; at 5 m. 2 f. a village ; at 5 m. 4 f. a nala ; at 8 m. 3 f. a small river with pakka causeway.
		39	A big town, Headquarters of a Tahsildar ; police station. <i>Camping Ground</i> .—Good, demarcated, 12,000 yds. N.-E. of town, on N. bank of Kandeli river. <i>Water</i> .—Good, from a pakka well, which is cleared after the rains. <i>Supplies</i> .—A large grain market. Grain for a brigade, and 600 maunds buhsa and grass always available ; notice must be given for fuel.
		388 m., 7 f.	PAGHDAL.—7 m. Country and road as p.o., r.s. above. Cross several nalas, two bridged. At 4 m. 6 f. Rawanpipat S. of road ; at 6 m. Boaria. A big village. <i>Camping Ground</i> .—300 yds. S.-W. of village, small, demarcated. <i>Water</i> .—Abundant from wells. <i>Supplies</i> .—A few shops.
		40 397 m. 5 f.	TEMURNI.—8 m. 6 f. Country and road as above. b., p.o., r.s. At $1\frac{1}{2}$ m. Diutia on right bank of Moral river.

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
1ST ASST. TO THE A. G. G., INDORE.	DEPUTY COMMISSIONER OF HOSHUNGABAD.		<p>At <math>2\frac{5}{8}</math> m. Gunjal river 300 yds. wide, bed sandy, banks high, difficult for carts, fordable 5 days after heavy rains.</p> <p>At <math>3\frac{5}{8}</math> m. Chilgaon Baskar; at <math>7\frac{7}{8}</math> m. Temurni r.s., to right.</p> <p>A big town with police station.</p> <p><i>Camping Ground.</i>—300 yds. S.-E. of village on right bank of Kandali river, demarcated room for one battalion.</p> <p><i>Water.</i>—Wells and river.</p> <p><i>Supplies.</i>—Ample for men; 15 days' notice for fuel and forage.</p>
	COLONEL COMMT. 21ST I. I. BDE., JUBBULPORE.	41	<p>HARDA.—8 m. 4 f. Country and road as b., p.o., t.s., r.s. above. ;</p> <p>At <math>2\frac{1}{2}</math> m. a nala; at 3 m. Charkhera on felt and Nimacha on right of road. Nalas at <math>4\frac{1}{2}</math> m., <math>4\frac{3}{4}</math> m., <math>5\frac{1}{2}</math> m.</p> <p>At <math>6\frac{1}{2}</math> m. Uran and nalas. Irish bridges at all streams.</p> <p>A big town; Headquarters of Extra Assistant Commissioner; police station.</p> <p><i>Camping Ground.</i>—1,000 yds. E. of town, demarcated room for 2 battalions.</p> <p><i>Water.</i>—From wells and Anjan river about 3 f. off (ample).</p> <p><i>Supplies.</i>—Abundant.</p>
	G. O. C., CENTRAL PROVINCES, DISTRICT.	42	<p>NIMAWAR.—13 m. 4 f. Country undulating and cultivated. Road metallised in fair repair, fit for motors, nalas bridged or paved</p> <p>At <math>7\frac{3}{4}</math> m. a well; at <math>10\frac{1}{2}</math> m. Gosia; at 13 m. Hindia and cross Nerbadda river to Nimawar.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
1ST ASST. TO THE A. G. G., INDORE.		GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	<p>The river is not fordable till March and is then only passable for empty carts on account of the sandy bed. Bed about 400 yards broad; approach from S. is bad. About a dozen punts (8 capacity 8 empty carts and 4 capacity 2 empty carts) and a pontoon (motor or field gun) available. Both Resident, Indore, and D. C., Hoshangabad, must be written to for boats, as about half belong each side of river. Pontoon belongs to Indore. When river is full, each trip takes about an hour; dry weather <math>\frac{1}{2}</math> hour.</p> <p><i>Camping Ground.</i>—On N. bank (Indore) either at turning to d. b. or between d. b. and temple, room for one regiment at each. On S. bank (Hoshangabad) 200 yds. S. of police thana on W. of road.</p> <p><i>Water.</i>—One well on each ground; that on S. bank, best; also from river.</p> <p><i>Supplies.</i>—About a dozen bunnias' shops on either bank. Notice (one month) to D. C., Hoshangabad, for S. bank and Resident, Indore, for N. bank.</p>
			<p>KHATAGAON.—9. m. Country cultivated and undulating. Road metalled and good, nalas, bridged or paved; a slight ascent all the way.</p> <p>Khatagaon is a town of 2,000 houses with dispensary.</p>

## Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
1ST ASTT. TO THE A. G. G., INDORE.  GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.			<p><i>Camping Ground.</i>—By dak bungalow, for a brigade.</p> <p><i>Water.</i>—One well in hospital compound, 100 yds. distant, one in factory compound opposite dak bungalow.</p> <p><i>Supplies.</i>—Abundant. Notice required for fuel and fodder.</p>
		44	<p>KANOD.—12 m. 4 f. Country at first jungle-clad, then cultivated. Road metalled and good.</p> <p>At 8½ m. Nanasa, a small village. Kanod has about 2,000 houses and a dispensary.</p> <p><i>Camping Ground.</i>—200 yds. S.-E. of dak bungalow for 1 regiment.</p> <p><i>Water.</i>—One well on C. G. and two others near Talao for animals.</p> <p><i>Supplies.</i>—Available for a regiment. Ample on notice (one month). Grass scarce. Another C. G. with well is available on the west of the town by the kutcherry.</p>
		441 m. 1 f.	
		45	<p>BIJWARI.—12 m. Country hilly, cultivated in vicinity of villages, otherwise jungle.</p> <p>Road metalled and good, nalas bridged or paved.</p> <p>At 3½ m. Bagankhera and cross nala to Kaloda; at 6½ slight ascent and at 7½ m. Kalwar Ghat ½ m. long begins; at 9 m. Kalwara.</p>
		453 M. 1 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
1ST ASST. TO THE A. G. C., INDORE.	RESIDENT, GWALIOR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	<p><i>Bijwari</i> is a small hamlet.  <i>Camping ground</i>.—In vicinity of bungalow.  <i>Water</i>.—4 wells near.  <i>Supplies</i>.—<i>Nil</i>. One month's notice required. Ample firewood and grass from surrounding jungle.</p>
			<p>46 CHAPRA.—16 m. At 4 m. Hatnori; Dhartalas Ghat begins here; at 6 m. top of Ghat; at 9 m. Kherakal; at 10 m. Bari; at 11 m. Paulae; at 13 m. Piplia.  Country jungle covered till near Bari when cultivation begins; from the top of the Ghat onwards fairly flat. Road metalled, but rough after first three miles.  <i>Camping Ground</i>.—West of village for one brigade.  <i>Water</i>.—Two wells.  <i>Supplies</i>.—One month's notice required.  There is a t. s., at Hatpipla 5 m. N. by metalled road.</p>
			<p>47 RAGHOGARH.—11 m. Country partly jungle and partly cultivated at first, latter part almost entirely under cultivation. Road metalled but rough.  At 6½ m. Hirapur. From here ascent of Ghat (gradual) begins.  Raghogarh is about a mile beyond the top of the Ghat.  <i>Camping Ground</i>.—S. of road on sloping ground.</p>
			<p>480 m. 1 f.</p>

AUTHORITIES.		No. of stage and total distan ce.	Route No. XII.
Civil.	Mili- tary		
P. A., SOUTHERN STATES OF CENTRAL INDIA, MANPUR.	1ST ASST. TO THE A. G., INDORE.  GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p><i>Water</i>.—One well (perennial).  <i>Supplies</i>.—On notice. Three bunnias' shops in village.  Grass and firewood from jungle.</p>
		48	<p>KHUREL.—10 m. Country generally cultivated. Road metalled, but rough for first 7 m.  At 2 m. Akbarpur with a talao holding water in April; at <math>6\frac{1}{4}</math> m. Phalli to S.; at <math>8\frac{1}{2}</math> m. a talao to S. of road.  <i>Camping Ground</i>.—To E. of bungalow, shady, for two regiments.  <i>Water</i>.—One well; low in hot weather.  <i>Supplies</i>.—On notice.</p>
		490 m. 1 f.	
		49	<p>INDORE.—12 m. Country cultivated and flat. Road metalled and good. At <math>5\frac{1}{2}</math> m. Dodia; at 10 m. (M. S. O., Mhow) Gate, road turns off to right through park to C. G. two miles distant.  <i>Camping Ground</i>.—By Rutlam Kothi, <math>2\frac{1}{4}</math> acres.  <i>Water</i>.—Well in compound of Rutlam Kothi  <i>Supplies</i>.—Abundant.</p>
		502 m. 1 f.	
		50	<p>KALARIA.—9 m. Country flat and cultivated. Road metalled and good.  At 4 m. Sirpur.  <i>Camping Ground</i>.—Not demarcated.  <i>Water</i>.—2 wells (private) and Ghauri nala.  <i>Supplies</i>.—On notice.</p>
		511 m. 1 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
POLITICAL AGENT, SOUTHERN STATES, AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	51	UPRI.—15 m. Country flat and cultivated. b. Road metalled and good.
		526 m. 1 f.	<i>Camping Ground.</i> —70,500 sq. yds. on left bank of Chambal river. <i>Water.</i> —From Chambal river. <i>Supplies.</i> —On notice.
		52	GUNAWAD.—5 m. 3 f. Good metalled road. At 1 m. 4 f. Pankheri, 4 huts and p. o.
		531 m. 4 f.	At 3 m. 5 f., metalled road to Neemuch branches off (14 marches) Route III. 148 houses, 3 shops. <i>Camping Ground.</i> —35,000 sq. yds. E. of village, no boundary pillars. <i>Water.</i> —From well, 30 ft. deep; also from nala and tank. <i>Supplies.</i> —From Dhar Dikthan.
		53	DHAR.—7 m. 3 f. Road as above. At 2 f. b., p. o., t. s. cross a large nala, country open and cultivated; at 3 m. 1 f. cross Bagari nala (bridged) at 6 m. 2 f. Setpura. A large town with small fort. From Dhar a metalled road runs to Mandoo 19 m. the ancient capital of Malwa and to Gujri, 22 m. (on Route VIII) general direction S.-E.
		538 m. 7 f.	<i>Camping Ground.</i> —846×685 yds. 1½ m. E. of town, marked by wooden pegs. <i>Water.</i> —From 2 tanks and wells. <i>Supplies.</i> —And transport abundant from Dhar city.



AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
POLITICAL AGENT, SOUTHERN STATES, AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	54	MANGOD.—15 m. 4 f. Road as above. At 2 m. 4 f. pass Dayi. Sagur tank; 3 m. 5½ f. Amkheri; 4 m. Gianpura; at 5 m. 1 fr. Nathkichotri, small temple, at 5 m. 5 f. Taila, and a cart-road to Amjhera to left. at 11 m. 3 f. Mangrol, about 3 f. to left.
		554 m. 3 f.	A small village. Camping Ground.—Near rest house. Not demarcated. Water.—From wells which are liable to dry up A small tank for animals 1 m. N. of camp. Supplies.—From Amjhera 3 m. off.
		55	SIRDARPORE.—11 m. 1 f. Road as above. b., p. o., t. s. At 3 m. 3 f. Hatod, 4 f. to left; at 4 m. 6 f. road from Dhar via Sagwad joins on right, and from Dhar via Amjhera on left, both country carts-roads; at 8 m. 2 f. Phulgamri; at 8 m. 4 f. cross large nala (bridged).
		565 m. 4 f.	Camping Ground.—Not demarcated. Water.— } Abundant. Supplies.— }
		56	TIRLA.—10 m. 2 f. Good metalled road to Raigarh, afterwards fair-weather cart-track, on starting closs Mahi river (bridged) at 3 m. Rajgarh; at 6 m. 7 f. Piparni; at 9 m. 1 f. Chharawal.
		575 m. 6 f.	A small village on E. bank of Chanar river, 3 shops.



AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
POLITICAL AGENT, SOUTHERN STATES, AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p><i>Camping Ground.</i>—38,400 sq. yds. 172 yds. N.-W. not demarcated.</p> <p><i>Water.</i>—From 4 wells, 27 ft. deep and tank, and river with water all the year.</p> <p><i>Supplies.</i>—</p>
		57	<p>PARA.—12 m. 7 f. Tolerable cart-road for 2 m. then begins descent of Tirla ghat, not difficult for carts. From foot of Ghat, road stony and through thick jungle between ridges of low hills. Cross 2 small rivers and 18 nalas, 211 houses, population 825, Amin's office and a thana with 11 sepoy and 2 sowars. A little transport available.</p>
		588 m. 5 f.	<p><i>Camping Ground.</i>—Two, named Bagichawala and Garwarwala on high ground to and E. of the village.</p> <p><i>Water.</i>—Plentiful, rivers and wells.</p> <p><i>Supplies.</i>—Plentiful, 10 shops.</p>
		58	<p>RANAPUR.—9 m. 4 f. A fair-weather country road. At 1 m. 4 f. Walla, a Bhil village; at 3 m. 4 f. Rajla, a thana with 6 sepoy and 1 sowar; at 8 m. Bhuri Mati, 20 Bhil huts.</p> <p>721 houses, population 2,336, Tehsildar's office with 22 sepoy and 11 sowars.</p> <p>Small amount of transport available</p> <p><i>Camping-Ground.</i>—1 bigha. 14 biswas demarcated.</p>
		598 m. 1 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
POLITICAL AGENT, SOUTHERN STATES, AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	59	<p><i>Water.</i>—Plentiful from wells, depth 25 ft., tank 400 yds. to W. and stream.</p> <p><i>Supplies.</i>—Plentiful.</p>
		607 m. 5 f.	<p>KUNDANPUR.—9 m. 4 f. Fair-weather cart-road, soil brown, soft and hilly; cross many nalas with stony beds. At 1 m. 4 f. Mathasula with 40 Bhil huts and Chota Mathasula with 20 huts; at 3 m. Tanda and cross Mad nala; two Bhil chaukis on both sides of nala, 1 in village of Uberao, 30 huts; the other in Dotad, 60 huts. Nala occasionally impassable for 1 day only in heavy floods. 80 houses, 4 shops, population 237. Thana with 6 sepoys and 2 sowars.</p>
		60	<p><i>Camping Ground.</i>—two, 1 called Bagichawala with black soil the other on the bank of Baamsi river with brown, hard soil.</p> <p><i>Water.</i>—Plentiful from river and well.</p> <p><i>Supplies.</i>—Moderate.</p>
		621 m. 1 f.	<p>DOHAD.—13 m. 4 f. Road between Kundanpur and Dohad practically non-existent; ruts in places 2 ft. deep, many nalas very difficult to cross and impassable in rains. At 4 m. Agawara. 1 house (here enter British territory); <math>\frac{1}{2}</math> m. further cross Kali river impassable after heavy rain for a few hours at 7 m. 4 f. Katwara, 150 houses, 13 shops, water</p>

## AUTHORITIES.

Civil.

Mili-  
tary.No.  
of  
stage  
and  
total  
distance.

## Route No. XII.

and supplies deficient ; at 9 m. 4 f. Gamla ; at 10 m. 4 f. Jala ; at 11 m. cross Khan river impassable during heavy floods.  
 3,136 houses with a fort and ditch round it.  
 Bungalow and police lines, N.-E. of C. G.  
 Route 28 to Rutlam branches off here (8 marches).  
*Camping Ground.*—30 acres, demarcated, in bungalow compound.  
*Water.*—A large tank and several wells.  
*Supplies.*—All kinds abundant.

## Route No. 1.

FROM KALESAH TO RAJA KINGAON.

Length 48 m. 6 f.

4 Marches.

*Authority and date (month and year).*—Colonel Commandant,  
21st Indian Infantry Brigade, Jubbulpore, September  
1921.

*Epitome.*—General direction N. W. This is only a cart-track, practicable in the dry season, traversing a country of black cotton soil. Several difficult rivers and nalas have to be crossed; also some steep and difficult hills.

AUTHORITIES.		No. of stage and total distance.	Route No. 1.
Civil.	Militar.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	R. AT HYDER- ABAD.		<p>KALESAH. A small village. <i>Camping Ground.</i>—N.-W. near river. <i>Water.</i>—From river. <i>Supplies.</i>—Good and abundant.</p>
	COL. COMDT. 21ST I. L. BDE., JUBBULPORE.	1 13 m. 3 f.	<p>BARR.—13 m. 3 f. Road stony and rough at end of stage. Country flat and little cultivated. Soil red and black clay. Road is a fair-weather one over a hill, 50 ft. high to E. of village. Cross and recross the Kher river and a nala unbridged. A fair-sized village. <i>Camping Grounds.</i>—E. and W. of village; that to the W. becomes very muddy during rainy season. <i>Water.</i>—Ample from wells. <i>Supplies.</i>—Must be collected from Risod and Wakad.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 1.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF BULDANA, BULDANA.	COL. COMDT. 21ST I. I. BDE., JUBBULPORE.	2	<p>LONAR.—13 m. 7 f. Country covered with  <i>p.o., i.s.</i> light jungle; soil clay  and black; road better,  fairly level. Cross a nala unbridged.  A large place.  <i>Camping Ground</i>.—Good and extensive to E.  <i>Water</i>.—From wells adjacent.  <i>Supplies</i>.—Moderate.</p>
		27 m. 2 f.	
		3	
		38 m. 6 f.	
		4	<p>RAJA KINGAON.—10 m. <i>Vide</i> Main Route  No. VII, stage No. 1,  cross the Purna river  and a nala, unbridged.</p>
		48 m. 6 f.	

## Route No. 2.

FROM RAJAH-DEWALGAON TO KAMPTEE.

Length 278 m. 7 f.

25 Marches.

*Authority and date (month and year).*—Amner to Kamptee, Captain A. J. Biscoe, 1st Royal Irish Rifles, September 1913.

*Epitome.*—General direction, N.-E. Ellichpur, then E. to Amner, thence E.-S.-E. to Nagpur. As far as Umrapur the road is bad and cut up. From Umrapur it becomes good, and continues so to Amner.

Between Amner and Kotal it is very bad; from Kotal to Kamptee is a good metalled road. The country between Amner and Kamptee is fully cultivated black cotton soil.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	

## Route No. 2.

\*  
DEPUTY COMMISSIONER OF BULDANA,  
BULDANA.

OFFICER COMMANDING 21ST I. L. BDE., JUB-  
BULFORE.

1  
13 m.

RAJAH-DEWALGAON.—A large town,  
16 m. N.-E. of Jalna  
(*vide* Volume VI of

1910, Route VII) by good road.

*Camping Ground.*—Small, shady.

*Water.*—From river close by.

*Supplies.*—Available for 1,000 men and 500 animals on notice.

PATHAN-DEWALGAON.—13 m. Road me-  
talled and bridged ex-  
cept at Purna in mile  
12 which is crossed by ferry in rains (capacity  
1 cart).

*Camping Ground.*—Good, though soft in wet  
weather.

AUTHORITIES.		No. of stage and total distance.	Route No. 2.
Civil.	Military.		
DEPUTY COMMISSIONER OF BULDANA, BULDANA.  COL. COMDT. 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Water.</i>—From nala close by.  <i>Supplies.</i>—Available from Rajah-Dewalgaon or Chikhli on notice of 1 week.</p>
		2	<p>AMONA.—9 m.  <i>Supplies.</i>—Available from Dewalgaon or Chikhli on notice of one week.</p>
		22 m.	
		3	<p>CHIKHLI.—11 m. Country hilly and rocky.  <i>p.o., t.s.</i> Road metalled and bridged and in good order.  A large place.  <i>Camping Ground.</i>—Inferior, on black soil, <math>\frac{1}{2}</math> m. E. of village.  <i>Water.</i>—From wells.  <i>Supplies.</i>—Available for 1 Regiment.</p>
		33 m.	
		4	<p>UMARPUR.—14 m. Country undulating with low grassy and stony hills, thin jungle and little cultivation. Road metalled and bridged except across the Pen-Ganga river and one big nalla at Umarpur where Irish bridge exists. Cross Pen-Ganga river and 2 nalas, unbridged; river bed stony, banks sloping.  A large village.  <i>Camping Ground.</i>—Good, near river.  <i>Water.</i>—From wells near, but these are sometimes dry.  <i>Supplies.</i>—Available on notice.</p>
		47 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 2.
Civil.	Military.		
DEPUTY COMMISSIONER OF BULDANA, BULDANA. COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		5	<p>MARKHERA.—10 m. Road metalled and good. Several nalas with Irish bridges.</p> <p>Undulating.</p> <p><i>Camping Ground.</i>—Small and not good, near <i>b.</i></p> <p><i>Water.</i>—From nala.</p> <p><i>Supplies.</i>—On notice from Khamgaon.</p>
		57 m.	
		6	
		71 m.	
		7	
		82 m.	<p>KHAMGAON.—14 m. A large town, and important cotton mart; terminus of branch line from Jalamb.</p> <p><i>Camping Ground.</i>—Close to town.</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>— } Plentiful.</p>
		8	<p>SHEGAON.—11 m. A large village and</p> <p><i>Camping Ground.</i>—Regiments usually camp on the open plain to E. of big tank 1 m. from the town.</p> <p><i>Water.</i>—Plentiful</p> <p><i>Supplies.</i>—Easily procurable.</p>
		95 m.	
		8	<p>ANDURA.—13 m. Cross a river, unbridged.</p> <p><i>Camping Ground.</i>—Regiments use a private field close by.</p> <p><i>Water.</i>—From Purna river, close by.</p> <p><i>Supplies.</i>—Procurable from the village also from surrounding villages.</p>



AUTHORITIES.		No. of stage and total distance.	Route No. 2.
Civil.	Military.		
DEPUTY COMMISSIONER OF AMRAOTI AMRAOTI.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		9	PATSUL.—13 m. 4 f. Cross the Purna river, unbridged, difficult in rains. No ferry. <i>Vide</i> Main Route No. III, stage No. 8.
		108 m. 4 f.	
		10	AKOT.—8 m. <i>Vide</i> Main Route No. III, stage No. 9. <i>p.o., t.s.</i>
		116 m. 4 f.	
		11	PANEJ.—6 m. Cross a nala unbridged. A fair-sized village.
		122 m. 4 f.	<i>Camping Ground.</i> —To the N.
		12	ANJANGAON.—11 m. 7 f. Country fertile, and richly cultivated. Cross the Sanar river, unbridged. A large village on the bank of the Sanar river. <i>Camping Ground.</i> —S. of village. <i>Water.</i> —From Sanar river.
		134 m. 3 f.	
		13	PATHROT.—5 m. <i>b.</i> There is an inspection Bungalow.
		139 m. 3 f.	
		14	ELlichPUR CAN- 13 m. Cross the TONMENT. Chandrabaga and Sam- <i>b., p. o., t. s., r.s.</i> pan rivers unbridged. Headquarters of the district; a large native city. The cantonment is 2 m. 3 f. beyond it to the N.
		152 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 2.
Civil.	Military.		
DEPUTY COMMISSIONER OF AMRAOTI, AMRAOTI.	COLONEL COMMANDANT 21ST INDIAN INFANTRY BRIGADE, JUBELPORE.	15	SIRASGAON.—12 m. 3 f. Country open p.o. and cultivated, cross the Ambad, Pili and Megha river; and several nalas, unbridged. A large village on the bank of the Megha river, bed dry in summer. <i>Camping Ground.</i> —To the N. <i>Water.</i> —From many good wells. <i>Supplies.</i> —Weekly bazar Saturday.
		164 m. 6 f.	
		16	TARODA.—12 m. Road unmetalled. Soil black, cross the Purna river, and several na- las, unbridged. <i>Camping Ground.</i> —An open space available. <i>Water.</i> —From wells. <i>Supplies.</i> —Must be obtained from surround- ing villages.
		176 m. 6 f.	
		17	MORSI.—12 m. 7 f. Black soil. Cross b., p.o. 1 nala, unbridged, via Nagarvadi, and 6 nalas, unbridged, via Kolvihir, but the latter road is a good one. A large village. Route No. 7 crosses here. <i>Camping Ground.</i> —Yes. <i>Water.</i> —Plentiful. <i>Supplies.</i> —Must be obtained from surround- ing villages.
		189 m. 5 f.	
		18	LONI.—13 m. 1 f. Unmetalled road, dif- ficult in rains. Cross 8 nalas, unbridged. <i>Camping Ground.</i> —Small and good.
		202 m. 6 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 2.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF AMRAOTI, AMRAOTI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<i>Water.</i> —Ample. <i>Supplies.</i> —As above.
		19	RAJPURA.—6 m. 7 f. Cross 3 nalas, un- bridged. A small p.o. village.
		209 m. 5 f.	
		20	<i>Camping Ground.</i> —Beside the river. <i>Water.</i> —Ample. <i>Supplies.</i> —A weekly bazar.
		219 m. 2½ f.	AMNER.—9 m. 5½ f. Unmetalled road. Cross 10 nalas, un- bridged.
D. C., NAGPUR.		21	Small village. <i>Camping Ground.</i> —Good. <i>Water.</i> —Ample. <i>Supplies.</i> —Must be obtained from surround- ing villages.
		235 m. 2 f.	KATOL.—15 m. 7½ f. Kotal to Nagpur is b., p. o., t. s., r. s. metalled and motor- able all seasons. Rail- way under construction. At 1 m. Wardha river unbridged, stony bottom, fordable except when in flood; also cross 2 smaller rivers with gravel bottoms, and numerous nalas, all unbridged.
			At 1½ m. Julalkharia (population 2,400) at 6½ m. Rohna; at 9½ m. Paruds (popu- lation 3,000). inga p u.

AUTHORITIES.		No. of stage and total distance.	Route No. 2.
Civil.	Military.		
DEPUTY COMMISSIONER OF NAGPUR, NAGPUR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		22	<p>Katol is a cotton centre with ginning mills (population 9,000).  <i>Camping Ground.</i>—For two battalions, near Tehsildar's court.  <i>Water.</i>—Wells, one large, one near C. G.  <i>Supplies.</i>—Plentiful; market Tuesdays.  The Itarsi-Nagpur Railway (under construction) runs parallel to road from here to Nagpur.</p>
		248 m. 1 f.	<p>DORLEE.—12 m. 7 f. Cross 3 unbridged nalas (bridges proposed). Road metalled and good.  At 8½ m. Mait Panjra.  A village (population 1,300).  <i>Camping Ground.</i>—1 m. S. W. of village along Kutcha road.  <i>Water.</i>—Wells.  <i>Supplies.</i>—Must be obtained from surrounding villages.</p>
		23 256 m. 5 f.	<p>KALMESHWAR.—8 m. 4 f. Cross one unbridged nala (bridge proposed). Road metalled and good (railway under construction).  A large village (population 5,000).  <i>Camping Ground.</i>—1½ m short of Kalmeshwar for one battalion; other open ground between this and village, but water very scarce.  <i>Water.</i>—Scarce, from wells one near C. G.  <i>Supplies.</i>—From village; market Sundays.</p>

## Route No. 2.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER OF NAGPUR, NAGPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	24	NAGPUR.—12 m. $3\frac{1}{2}$ f. At $1\frac{1}{2}$ m. Kalmesh- b., p. o., t. s., r. s. war village. A large city, headquarters of district and a large railway junction ; a wireless station at Sitabaldi Fort.
		269 m. $\frac{1}{2}$ f.	<i>Camping Ground.</i> —Government ground for one infantry brigade near Government House ; other open ground near. <i>Water.</i> —Pipe supply. <i>Supplies.</i> —Plentiful. On routes VI and VII.
		25	KAMPTEE.—9 m. $6\frac{1}{2}$ f. A large town and can- b., p. o., t. s., r. s. tonment.
		278 m. 7 f.	<i>Camping Ground.</i> —For one Infantry Brigade at E. end of cantonment. <i>Supplies.</i> —Plentiful.

## Route No. 3.

FROM BASIM TO PULGAON OR BORGAON.

Length 96 m. 5 f.

10 Marches.

*Authority and date (month and year).*—Colonel Commandant, 21st Indian Infantry Brigade, Jubbulpore October 1921.

*Epitome.*—Direction N.-E. This road is a fair-weather track; in some places, very stony and rough though fairly passable throughout in dry season.

AUTHORITIES.		No. of stage and total distance.	Route No. 3.
Civil.	Military.		
DEPUTY COMMISSIONER OF AKOLA AKOLA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	1	BASIM.— <i>Vide</i> Main Route No. III, stage No. 1. <i>b., p. o., t. s.</i> KONDALA.—4 m. 4 f. Fair weather road.
		4 m. 4 f.	<i>Camping Ground.</i> —N. and E. of village. <i>Water.</i> —Plentiful. <i>Supplies.</i> —From Basim.
		2	KINHI.—12 m. 3 f. Cross several <i>nalas</i> , un- b. bridged, and a hill.
		16 m. 7 f.	<i>Camping Ground.</i> —W. of village. <i>Water.</i> —From tanks and wells. <i>Supplies.</i> —Obtainable with difficulty from Selu Bazaar on notice.
		3	TARALA.—9 m. 5 f. At about 5 miles pass Selu where road from Akola Mangrul joins.
		26 m. 4 f.	Cross 4 <i>nalas</i> , unbridged.

AUTHORITIES.		No. of stage and total distance.	Route No. 3.
Civil.	Military.		
D. C. OF AMRAOTI, AMRAOTI.	DEPUTY COMMISSIONER OF AKOLA, AKOLA.	4	WAHI.—6 m. 4 f. Cross a nala, unbridged.
		33 m.	
		5	KARANJA.—3 m. 6 f. <i>Vide</i> Main Route No. b., p. o., t. s. VII, stage No. 12.
		41 m. 6 f.	
		6	VEEDONA.—10 m. Road bad and difficult in the rainy season. Cross 2 nalas, unbridged.
		51 m. 6 f.	<i>Camping Ground.</i> — <i>Water.</i> —Abundant. <i>Supplies.</i> —From neighbouring villages.
		7	MANAGRUL.—11 m. 4 f. Road unmetalled. Cross numerous streams, unbridged.
		63 m. 2 f.	<i>Camping Ground.</i> —High, dry and open. <i>Water.</i> —Good, from river. <i>Supplies.</i> —From neighbouring villages.
D. C. OF AMRAOTI, AMRAOTI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	8	DAMAK.—9 m. 7 f. Road unmetalled. Cross Sukli river and several nalas, unbridged.
		73 m. 1 f.	A fair-sized village. Route No. 5 joins here. <i>Camping Ground.</i> —Good to N. <i>Water.</i> —In small quantities from wells; also from Bembra river. <i>Supplies.</i> —From neighbouring villages.

AUTHORITIES.		No. of stage and total distance.	Route No. 3.
Civil.	Mili- tary.		
D. C. OF AMRAOTI, AMRAOTI.	COL. COMDT., 21ST I. BDE., JUBBULPORE.	9	<p>TALEGAON.—11 m. 1 f. Road unmetalled. p. c. Cross the Bembla, Kholad and Marigri rivers which are easy to cross in the dry season, and numerous nalas, unbridged. A large village. <i>Camping Ground.</i>—Good, <math>\frac{1}{2}</math> m. to N. beyond nala. <i>Water.</i>—From wells. <i>Supplies.</i>—From neighbouring villages.</p>
		84 m. 2 f.	
D. C. OF WARDHA, WARDHA.	COL. COMDT., 21ST I. BDE., JUBBULPORE.	10	<p>PULGAON or BORGAON.—12 m. 3 f. Soil p. o., t.s., r. s. black. The Wardha river is about 220 yds. wide with steep banks and a muddy bed. Cross the Chandra- bagha river and 7 nalas, unbridged. Very small village. <i>Camping Ground.</i>—Good. <i>Water.</i>—Abundant. <i>Supplies.</i>—Abundant if special arrangements are made.</p>
		96 m. 5 f.	



## Route No. 4.

WUN TO ELLICHPUR.

Length 184 m. 5 f.

16 Marches.

*Authority and date (month and year).*—Under orders of Colonel Commandant, 21st Indian Infantry Brigade, Jubbulpore 1913.

*Epitome.*—General direction W. by N. to Darwaa, N. by W. to Murtazapur and thence due N. The road metalled throughout from Wun to Daryapur; thence to Anjangaon a fair weather track from Anjangaon to Ellichpur metalled road. The road is motorable from Wun to Darypur except in the rains. There are for the most part trees on either sides of the road, but no fences or ditches. As far as Murtazapur camping grounds are usually large enough for a brigade, water is plentiful in the cold weather and generally sufficient in the hot. Fuel is scarce except round Yeotmal and previous notice should be given; both fuel and grass can be obtained from forest officers. The chief crops are jowari and cotton. Jowari is plentiful and there are large number of cattle and goats. The country is flat except round Yeotmal.

From Murtazapur the road is a fair-weather track while water is scarce in the hot weather, the wells being brackish as a rule.

AUTHORITIES.		No. of stage and total distance.	Route No 4.
Civil.	Military.		
D. C. OF YEOTMAL.	COL. COMDT. 21ST I. I. BDE., JUBBULPORE.		<p>WUN.—The headquarters of Wun taluka, a town of 6,000 inhabitants with a missionary bungalow and large Serai. Market on Sundays.</p> <p><i>Camping Ground.</i>—N. W. of town.</p> <p><i>Water.</i>—2 good wells on C. G. several in town.</p> <p><i>Supplies.</i>—A large perennial tank S.-E. of town.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 4.
Civil.	Military.		
DEPUTY COMMISSIONER OF YEOTMAL,  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		1	<p><i>Supply.</i>—Rations for Indian regiment for 3 days ; a week's notice necessary for larger quantities and also for fuel and forage. On Main Route VI.</p> <p>MAREGAON.—11 m. 7 f. Road metalled, in most parts surface very loose. Surrounding country slightly undulating and cultivated. At 2 m. nala with stone bridge ; at 6½ m. Nimbora village, water brackish ; at 7 m. country more hilly and wooded ; at 8¼ m. road in very bad repair and unmetalled for 3 m. ; at 10 m. small village.</p> <p><i>Camping Ground.</i>—For one brigade.</p> <p><i>Water.</i>—One large good well near C. G. 3 in village.</p> <p><i>Supplies.</i>—Without notice 2 mds. grain, 20 goats and 150 cattle ; fuel 160 mds. at a week's notice ; grazing fair. One bunnia's shop.</p>
		11 m. 7 f.	
		2	<p>KARINJA.—13 m. Metalled road in fair repair, easy up gradient from m. 3 to m. 4, down gradient remainder of stage. Country chiefly hilly, wooded and rocky, little cultivation except at beginning of stage. Several culverts and Irish bridges.</p> <p><i>Camping Ground.</i>—On high ground (rocky) round b.</p> <p><i>Water.</i>—2 wells near village, 1½ m. from C. G.</p> <p><i>Supplies.</i>—2 mds. grain without notice ; 40 mds. fire wood ; no grass or bhussa, camel grazing only.</p>
		24 m. 7 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 4.
Civil.	Military.		
DEPUTY COMMISSIONER OF YEOTMAL.	COL. COMDT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		A short cut by cart track from here to Runjha saves 4 m.
		3	RUNJAH—13 m. 6 f. Metalled road in good b. repair, direction. W. by S. then N.-N.-W. ; several Irish bridges. Country undulating, hilly and rocky with little cultivation. At 3 m. small village ; at 7 m ; Omri from where a private tonga service runs to Yeotmal, (a p. o. and t. s. 6 m. S. along Khela- pur metalled road). At 7 m. single telegraph wire joins road from S. ; at 12½ m. small village ; at 13½ m. steep approaches to both sides of Irish bridge.
		38 m. 5 f.	<i>Camping Ground.</i> —Room for brigade if they camp by units ; ground near b., village and river. <i>Water.</i> —Two wells near b., water in river per- ennial. <i>Supplies.</i> —Up to 30 mds. grain and rice can be obtained at market (Fridays) ; 100 goats and 150 cattle. Fuel 50 mds. at a week's notice. Bhoosa from January to June, camel grazing.
		4	JORMOHA.—17 m. 5 f. Metalled road in very b. good repair, hilly, but not very steep gradients. Country for last eight m. very hilly with jungle and forest ; ground stony and not much cultivation. At 3½ m. Moda village with 4 wells ; at 9½ m. Pardi. <i>Camping Ground.</i> —Poor, for one brigade N. W. of village, requires clearing.
		56 m. 2 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 4.
Civil.	Military.		
DEPUTY COMMISSIONER OF YEOTMAL.	COL. COMDT. 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	5	<p><i>Water</i>.—6 wells and 1' of water in <i>nala</i> in cold weather; in hot weather one well only.</p> <p><i>Supplies</i>.—At a week's notice 15 mds. grain, 5 mds. rice, 40 mds. firewood, and 20 mds. fodder.</p>
		68 m. 6 f.	<p>YEOTMAL.—12 m. 4 f. Metalled road, in bad b., p. o., t. s. repair for 1st 4. m. up gradient nearly all the way. Country stony, hilly and jungle-clad, with cultivation in valleys.</p> <p>At 3 m. Yerad; at 4 m. very kutcha Irish bridge and road in very bad repair; at 6½ m. Talagao. Yeotmal has a population of 10,000; Headquarters of district with hospital and jail.</p> <p><i>Camping Ground</i>.—Space for one division in and a round the town.</p> <p><i>Water</i>.—Abundant throughout the year.</p> <p><i>Supplies</i>.—Any quantity at 3 weeks' notice.</p> <p><i>Transport</i>.—Tongas, camels and donkeys available.</p> <p>Cross Route 8 here.</p>
		6 85 m. 4 f.	<p>LARKHED.—16 m. 6 f. Metalled road in very good repair; gradual ascent for 4 m., then 4 m. descent through thick forest and jungle, after which open flat cultivated country.</p> <p>At 2½ m. Lohara; at 6½ m. small village; at 10 m. Teusa; at 13½ m. two unbridged nalas.</p> <p><i>Camping Ground</i>.—For one brigade on N. side of road; space requires clearing.</p> <p><i>Water</i>.—Service perennial wells.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 4.
Civil.	Military.		
DEPUTY COMMISSIONER OF YEOTMAL.  COL. COMDT., 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		7	<p><i>Supplies.</i>—At one week's notice, 240 cattle, 80 goats, 9 mds. grain, 40 mds. fuel; fodder from forest officer.</p>
		95 m. 7 f.	<p>DARWHA.—10 m. 3 f. Metalled road in good b., p. o., r. s. repair descends gradually 4 m. through open flat country; rises 4 m. and then descends 2 m. into fertile valley.</p> <p>At 3½ m. steep descent through Bori to Aran river (Irish bridge dry season, ferry boat capacity 30 men in rains). At 7 m. small village.</p> <p>Darwha is the Headquarters of the tuluka, and has a mission house. Population 5,000.</p> <p><i>Camping Ground.</i>—East near bungalows, for a brigade.</p> <p><i>Water.</i>—From wells, scarce except in rains.</p> <p><i>Supplies.</i>—On three weeks' notice.</p>
		8 108 m. 7 f.	<p>SAVUNGI (RIVER). 13 m. Road partly metalled, in very bad repair. Ascends 5 m. and then descends rest of stage.</p> <p>At 3½ m. Moholi; at 8 m. Chikri; at 9 m. Mancobra; at 11½ m. two sugar-loaf hills; at 13 m. River Aran, unbridged (ferry boat in rains).</p> <p><i>Camping Ground.</i>—For one brigade along river bank; ground stony and requires clearing.</p> <p><i>Water.</i>—River (perennial) and 6 wells.</p> <p><i>Supplies.</i>—For a brigade at one month's notice.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 4.
(Civil.	Mili- tary.		
D. C., AKOLA.	DEPUTY COMMISSIONER, YEOTMAL.	COL. COMDT. 2, 1ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	
		9	
		119 m. 2 f.	<p>KARANJA.—10 m. 3 f. Road metalled, bridged b., p. o., t. s., r. s. and in good order. Ascends <math>3\frac{1}{2}</math> miles from Aran valley; then undulating with an ascent of <math>\frac{3}{4}</math> m. in 6th m. Karanja is surrounded, except on the E. and N.-E., by a stony ridge 100' high with ruined forts.</p> <p><i>Camping Ground.</i>—For two brigades S. of town and two brigades N.-W. of town high and stony ground.</p> <p><i>Water.</i>—Two large tanks and 60 wells. Tanks and wells give out in extreme drought such as 1920-21.</p> <p><i>Supplies.</i>—At a week's notice.</p>
		10	
		132 m. 3 f.	<p>UMRI.—13 m. 1 f. Road metalled, bridged and in good order. Surrounding country flat, open, cultivated. There is a small ascent in 5th m. At <math>8\frac{1}{4}</math> m. Kherada (b.).</p> <p><i>Camping Ground.</i>—On river bank, for one brigade, requires clearing.</p> <p><i>Water.</i>—12 wells, perennial. The 12 wells give out in extreme drought. Wells dug in the nala yield enough water.</p> <p><i>Supplies.</i>—At a week's notice.</p>
		11	
		139 m. 5 f.	<p>MURTAZAPUR.—7 m. 2 f. Metalled road in b., p. o., t. s., r. s. very good condition. Surrounding country flat, open and cultivated.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 4.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	COL. COMDT., 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p>At 4 m. small village, and bridge over nala. Murtazapur is the headquarters of the taluka <i>Camping Ground</i>.—Good, for 2 brigades, E. and S.-E. of town.</p> <p><i>Water</i>.—Abundant from wells.</p> <p><i>Supplies</i>.—Large quantities of grain, fuel and cattle ; fodder on notice to Forest Officer.</p>
		12	LAKPURI.—8 m. Cross the Purna river, and some nalas, unbridged.
		147 m. 5 f.	<p><i>Camping Ground</i>.—Nil.</p> <p><i>Water</i>.—From Purna river.</p> <p><i>Supplies</i>.—Obtainable, on notice from Murtazapur.</p>
		13	DARYAPUR.—7 m. A large place. Headquarters of the Tahsil.
		154 m. 5 f.	<p><i>Camping Ground</i>.—</p> <p><i>Water</i>.—From river.</p> <p><i>Supplies</i>.—Abundant.</p>
D. C. OF AMRAOTI, AMROTI.		14	KAPUSTALNI.—13 m. Cross the Chandra- bagha river, and some nalas, unbridged.
		167 m. 5 f.	
		15	SURWADA.—12 m. A fair-weather track. Cross several nalas, un- bridged.
		179 m. 5 f.	A small village on the banks of the Chandra- bagha.

AUTHORITIES.		No. of stage and total distance.	Route No. 4.
Civil.	Mili- tary.		
D. C. OF AMRAOTI, AMRAOTI.	COL. COMDT., 21ST I. I. BDE., JUBBULPORE.	16	<i>Camping Ground.</i> —To the S. <i>Water.</i> —From river. <i>Supplies.</i> — ELLICHPUR.—5 m. <i>Vide</i> Route No. 2, Stage <i>b., p. o., t. s.</i> No. 14. Cross the Chandrabagha and Sahun rivers, unbridged. Routes, 2, 4, 5 and 12 meet here.
		184 m. 5 f.	



## Route No. 5.

FROM DHAMOK TO ELLICHPUR.

Length 62 m. 1 f.

6 Marches.

*Authority and date (month and year).*—Colonel Commandant  
21st Indian Infantry Brigade, Jubbulpore December 1921.

*Epitome.*—Direction N.-N.-W. As far as Badnera the road is  
merely a fair-weather track impracticable for carts in wet weather,  
thence it is a good road, metalled in parts.

AUTHORITIES.		No. of stage and total distance.	Route No. 5.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF AMRAOTI, AMRAOTI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		DHAMOK.— <i>Vide</i> Route No. 3, stage No. 8. The road from here to Nandgaon Kazi is <i>via</i> Wagoda and Phaggaon.
		1	NANDGAON KAZI.—10 m. Cross a river, <i>p. o.</i> unbridged.
		10 m.	<i>Camping Ground.</i> —Good. <i>Water.</i> —Scarce. <i>Supplies.</i> —From neighbouring villages.
		2	BADNERA.—14 m. 3 f. The road from Badnera <i>b., p. o., t. s., r. s.</i> to Ellichpur is metalled and bridged through- out. It is motorable all the year. A fair- sized village. Route No. VII joins here. <i>Camping Ground.</i> —Good. <i>Water.</i> —On camping ground. <i>Supplies.</i> —Procurable.
		24 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 5.
Civil.	Military.		
DEPUTY COMMISSIONER OF AMRAOTI, AMRAOT.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	2	AMRAOTI.—6 m. <i>Vide Main Route No. VII, b., p. o., t. s., r. s.</i> stage No. 15.
		30 m. 3 f.	
		4	BALGAON.—6 m. 2 f. Road metalled. A fair-sized village.
		36 m. 5 f.	Camping Ground.—Good. Water.—
			Supplies.— } Ample.
		5	ASEGAON.—11 m. 4 f. A small village. b., p. o.
		48 m. 1 f.	Camping Ground.—To S.-W. Water.—Well. Supplies.—A weekly bazaar on Wednesdays.
		6	ELlichPUR.—14 m. A large city. Head- quarters of the dis- trict. Road metalled. Cross Parna and Pili rivers, unbridged. Route No. 4 ends here and routes 2, 12 and 13 meet here.
		62 m. 1 f.	

## Route No. 6.

FROM UMARKHED TO BASIM.

Length 59 m. 4 f.

6 Marches.

Authority and date (month and year).—Colonel Commandant,  
21st Indian Infantry Brigade, Jubbulpore.

Epitome.—General direction N.-W. This is a Public Works Department road, metalled, and fit for motors and wheeled transport throughout. Water and supplies very scarce.

AUTHORITIES.		No. of stage and total distance.	Route No. 6.
Civil.	Military.		
DEPUTY COMMISSIONER OF YEOTMAL, YEOTMAL.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		UMARKHED.—From Sholapur in VIth b. p.o., t.s. (Poona) Division <i>via</i> Route 64 of IXth (Secunderabad) Division. (See Volume IX of 1912).
		1	PADRI.—12 m. Road in fair condition; country open, black cotton soil. At 5½ m. Kupti,
		12 m.	and 8 m. Wanagaon. A small village. <i>Camping Ground.</i> —Unlimited open space. <i>Water.</i> —Two wells only; water scarce in hot weather. <i>Supplies.</i> —Nil; fuel nil. Supplies can be obtained from Mulao 1½ m. S.-W.
		2	SAORGAON.—8 m. 4 f. Road in good repair; country open; black cotton soil.
		20 m. 4 f.	A small village.

AUTHORITIES		No. of stage and total distance.	Route No. 6.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF YEOTMAL, YEOTMAL.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Camping Ground.</i>—Unlimited open space; ground stony.</p> <p><i>Water.</i>—One well only, at Amdari 2 m. S. of Soargaon.</p> <p><i>Supplies.</i>—About 50 head of cattle, otherwise nil.</p>
		3	<p>KANDALA.—10 m. 4 f. Road in fair repair. b. Country open, black cotton soil.—3 nalas, unbridged.</p> <p>A small village. Bungalow (Public Works Department) 1 m. W. of village.</p> <p><i>Camping Ground.</i>—Unlimited open space.</p> <p><i>Water.</i>—2 wells only, enough for local use in hot weather.</p> <p><i>Supplies.</i>—About 50 head of cattle. Fuel, unlimited from forest. Fodder obtainable from Pusa.</p>
		31 m.	
		4	
		39 m. 4 f.	<p>MARWARI.—8 m. 4 f. Road in good repair. b. Cross 4 large nalas, 2 bridged and 2 with road dams. A small village.</p> <p><i>Camping Ground.</i>—Unlimited open space.</p> <p><i>Water.</i>—Two wells in village, and one small tank; limited in hot weather.</p> <p><i>Supplies.</i>—About 70 head of cattle; unlimited fuel; fodder for local use only.</p> <p>About 2 m. from Marvadi there are two villages Rohode and Belur from which supplies can be obtained.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 6.
Civil.	Military.		
DEPUTY COMMISSIONER, YEOTMAL, YEOTMAL.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	5	<p>PIMPALGAON.—9 m. Road in good repair.  <i>b., p.o.</i> Country open; soil black cotton.</p> <p><i>Camping Ground.</i>—Unlimited.  <i>Water.</i>—10 wells.  <i>Supplies.</i>—Nil. Notice must be given.</p> <p>BASIM.—11 m. Road in good repair. Coun-  <i>b., p.o., t.s.</i> try open, soil black cotton. Road undu-          lating gradually.  <i>Camping Ground.</i>—About 48 acres N. of town ;          also to S.W.  <i>Water.</i>—About 300 wells altogether.  <i>Supplies.</i>—On notice.          On route III (stage 1) and route VII (stage 8).          To Mhow 23 marches, and Nagpur 17 marches.</p>
		48 m. 4 f.	
		6	
		59 m. 4 f.	

## Route No. 7.

FROM NANDGAON PETH TO SENDURJANA.

Length 49 m. 2 f.

4 Marches.

Authority and date (month and year).—Colonel Commandant,  
21st Indian Infantry Brigade, Jubbulpur, February 1922.

Epitome.—Direction N.-E. This road is metalled and bridged.

AUTHORITIES.		No. of s a g e and total distance.	Route No. 7.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF AMRAOTI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		NANDGAON PETH.— <i>Vide</i> main Route No. b., p. o. VII, stage 16.
		14 m.	SAWARKHED.—14 m. Road metalled. Soil black.
		2	Small village. <i>Camping Ground</i> .—Good and shady. <i>Water</i> .—Plentiful from well. <i>Supplies</i> .—Ample from surrounding villages.
		25 m. 4 f.	MORSI.—11 m. 4 f. <i>Vide</i> Route No. 2, stage b., p. o., t. s. 17.
		3	BENODA.—14 m. 2 f. Road metalled. Cross 1 river and 2 streams, unbridged.
		39 m. 6 f.	Fair-sized village. <i>Camp ng Ground</i> .—Good. <i>Water</i> .—Ample and good from wells. <i>Supplies</i> .—Obtainable from surrounding villages.

AUTHORITIES,		No. of stage and total distance.	Route No. 7.
Civil.	Military.		
D. C. OF AMRAOTI, AMRAOTI.	COL. COMDT., 21ST L. I. JUBBULPORE.	4	SENDURJANA.—9 m. 4 f. Road metalled. <i>p. o.</i> Cross 5 nalas and 2 streams, unbridged. Very large village. <i>Camp ng Ground.</i> —Good. <i>Water.</i> —Plentiful from wells. <i>Supplies.</i> —Weekly bazar. To Multai on route 29, 20 m. by made road.
		49 m. 2 f.	

## Route No. 8.

FROM DHAMANGAON TO KELAPUR.

Length 69 m. 7 f.

5 Marches.

Authority and date (month and year).—Colonel Commandant  
21st Indian Infantry Brigade Jubbulpur, February 1922.

*Epitome.*—General direction, S. to Yeotmal then S.-E. Road metalled throughout, in bad repair in last 2 stages; nalas passable except for a few hours after heavy rain. Country hilly, with patches of dense forest. Supplies and water obtainable throughout.

AUTHORITIES.		No. of stage and total distance.	Route No. 8.
Civil.	Military.		
DEPUTY COMMISSIONER, YEOTMAL.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	1	DHAMANGAON.—On the Bhusawal-Nagpur branch of the Great Indian Peninsula Railway, 80 m. from Nagpur.
		12 m. 7 f.	<p><i>Camping Ground.</i>—For one brigade.</p> <p><i>Water.</i>—Ample, 3 or 4 wells, one with trough.</p> <p><i>Supplies.</i>—For a brigade for 2 days.</p>
			<p>PALOTI.—12 m. 7 f. Country open and cultivated; road metalled and bridged. At 4 m. Assagaon, at 7 m. 6 f. Deogan.</p> <p><i>Camping Ground.</i>—For infantry brigade near bungalow.</p> <p><i>Water.</i>—One well; also good from Dhelma river (<math>\frac{1}{4}</math> m. further on).</p> <p><i>Supplies.</i>—Nil; on notice only.</p>



## Route No. 8.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military		
DEPUTY COMMISSIONER, YEOTMAL.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		2	YEOTMAL.—15 m. Country open for 10 m. then hilly and jungly.
		27 m. 7 f.	<i>b., p. o., t. s.</i> Road metalled, Dhelma river unbridged 300 yds. to 400 yds. broad, water 2' to 4' deep. Pass Nandura 1½ m., Untaga on 5 m., Chimnabaghpur 7 m. Kurdaon 9 m. and Maura 13 m. (good well). <i>Camping Ground.</i> —For infantry brigade. <i>Water.</i> —Well for drinking, large tank for animals. <i>Supplies.</i> —For a division for 2 days. Route No. 4 joins here.
		3	JORMOHA.—13 m. Country cultivated undulating, plateau with a few small hills; cultivation chiefly cotton.
		40 m. 7 f.	Road metalled and bridged. At 3 m. Parwa; at 5½ m. Tulegaon; at 7 m. Khangaon; at 9½ m. Yerad. <i>Camping Ground.</i> —For infantry brigade on N.-E. of road. <i>Water.</i> —Two good wells in village, water for animals from nala up to December or January. <i>Supplies.</i> —On notice. Grazing for camels and cattle.
		4	RUNJAH.—16 m. 4 f. Country hilly, jungle, dense for first 6 m. then thinner. Road in bad repair, nalas chiefly crossed by cause-
		57 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 8.
Civil.	Military.		
DEPUTY COMMISSIONER, YEOTMAL.	COLONEL COMMANDANT, 21ST L. I. BDE., JUBBULPORE.	5	<p>ways. At <math>6\frac{1}{2}</math> m. Pardi; at 11 m. Kanara; at 14 m. Pipla Siodia <math>\frac{1}{2}</math> m. S.W.</p> <p><i>Camping Ground.</i>—S.W. of road 220 yds. short of village.</p> <p><i>Water.</i>—Good and ample from Kuni river and several wells in village.</p> <p><i>Supplies.</i>—As in last stage, but grazing further away.</p> <p>Route No. 4 leaves here.</p>
		69 m. 7 f.	<p>PANDHAKKEORA. 12 m. 4 f. This is 2 b., p. o., s. m. short of Kelapur, which is only a small village, but gives its name to the district.</p> <p>Country undulating and jungly, hilly in places. Road in bad repair from 6 m. 4 f. onwards, nalas chiefly crossed by causeways.</p> <p>At 2 m. Patri; at <math>4\frac{1}{2}</math> m. Saikar; at <math>6\frac{1}{2}</math> m. Umbri; at 8 m. Tanda; at 9 m. Kanghara and 10 m. Pipari.</p> <p>At Umbri road to Wun branches off to E.</p> <p><i>Camping Ground.</i>—For Infantry brigade.</p> <p><i>Water.</i>—Two good wells in bungalow compound.</p> <p><i>Supplies.</i>—Ample if due notice is given, otherwise one brigade for two days.</p>

## Route No. 9.

FROM JUBBULPORE TO BIRSINGHPUR (PALI).

Length 114 m. 5 f.

8 Marches.

*Authority and date (month and year).*—Colonel Commandant,  
21st Indian Infantry Brigade, Jubbulpur, December 1921.

*Epitome.*—General direction E. to Shahpura, thence S.-E. to Shahpur, thence N. to Birsinghpur. Road metalled and motorable all seasons as far as Kundum; unmetalled but motorable in dry weather from Kundum to Shahpura and Birsinghpur. Suitable for all arms in dry weather. All nalas are crossed by Irish bridges. The Johilla river  $2\frac{1}{2}$  m. from Birsinghpur would be impassable after heavy rains. The road runs through black cotton country, which becomes hilly and jungly as Birsinghpur is approached.

AUTHORITIES.		No. of stage and total distance.	Route No. 9.
Civil.	Military.		
DEPUTY COMMISSIONER, JUBBULPORE.	COL. COMDT., 21ST I. BDE., JUBBULPORE.		JUBBULPORE.—On main routes VI and XII. <i>b., p. o., t. s., r. s.</i>
		1	PADARIA.—15 m. 2 f. Road metalled and <i>b.</i>
		15 m. 2 f.	At 4 m. tank $\frac{1}{4}$ m. N., at 5 m. Gokalpur, at 7 m. large tank N. of road, at 14 m. Bijapuri. <i>Camping Ground.</i> —Unlimited. <i>Water.</i> —One good well (perennial), one small tank (dry in hot weather). <i>Supplies.</i> —On notice. No fuel or fodder stacked, but plenty avail- able close by; also camel grazing; 20 head of cattle.

## Route No. 9.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER OF JUBBULPORE.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		2	KUNDAM.—13 m. 2 f. Road metalled and b. undulating; country alternate stretches of jungle and cultivation. At 9 m. 4 f. Baragi to right.
		28 m. 4 f.	At 12 m. 6 f. Sagdopal 1 m. to left. <i>Camping Ground.</i> —On right of road, unlimited space. <i>Water.</i> —Large tank right of road; also 3 good wells. <i>Supplies.</i> —On notice. Camel grazing available 700 head of cattle.
		3	SALWARA.—13 m. 1 f. Road bad and would b. be very difficult in rain; Irish bridges in bad repair. At 3 m. 4 f. small villages on either side of road. At 6 m. descent to Mahanudeo, with difficult ascent to the far side.
		41 m. 5 f.	<i>Camping Ground.</i> —Ample space available. <i>Water.</i> —2 wells near Public Works Department bungalow, 2 wells at Salwa, 1 m. left of road. <i>Supplies.</i> —On notice. Small supply of grass available in cold weather. Camel grazing.
		4	SHAHUPURA.—12 m. 4 f. Road in poor condition and hilly. Country very hilly and intersected with deep nalas.
		54 m. 1 f.	At 1 m. 3 f. the road enters thick jungle; at m. 7 a village on right of road; at 9 m. 6 f. a steep gradient (1 in 20) for 3 f.

AUTHORITIES.		No. of stage and total distance.	Route No. 9.
Civil.	Military.		
DEPUTY COMMISSIONER, MANDLA.			<p><i>Camping Ground.</i>—Unlimited (stony) available.</p> <p><i>Water.</i>—4 good wells ; also a medium-sized tank <math>\frac{3}{4}</math> m. N.-E. of C. G.</p> <p><i>Supplies.</i>—On notice. Camel grazing available, several hundred head of cattle.</p> <p>MARKET ON MONDAYS.</p>
		5	<p>DONGURIA.—12 m. 7 f. Road better than before but very hilly.</p> <p>Country dense jungle, relieved by open patches of cultivation.</p> <p>At 2 m. 7 f. Karondi, to right. At 3 m. 3 f. Baragaon village and Salgi nala. At 11 m. 7 f. small tank dry in hot weather.</p> <p><i>Camping Ground.</i>—Many acres of stony ground available.</p> <p><i>Water.</i>—One good but small well near Public Works Department bungalow.</p> <p><i>Supplies.</i>—On notice. Unlimited grass in surrounding country in cold weather ; also camel grazing.</p>
		67 m.	
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		6	<p>SHAHPUR.—13 m. 7 f. Road as above. All nalas small except the Kanai 9 m. 6 f.,</p> <p>60 yds. broad.</p> <p><i>Camping Ground.</i>—11<math>\frac{1}{2}</math> acres in mango tops, but plenty of other ground available.</p> <p><i>Water.</i>—One well on camping ground, one near Public Works Department bungalow ; a tank (medium size) near bungalow.</p> <p><i>Supplies.</i>—On notice.</p>
		80 m. 7 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 9.
Civil.	Military.		
D. C. MANDLA.	COLONEL COMMANDANT, 21ST I. I. BDE, JUBBULPORE.	7	BHATONDA.—17 m. 5 f. Road hilly and trying for wheeled transport.
		98 m. 4 f.	At 4 m. 2 f. Chatia ; at 9 m. 2 f. Ajhuar village on right of road in jungle. <i>Camping Ground.</i> —Unlimited space available. <i>Water.</i> —Two good wells. <i>Supplies.</i> —On notice. Unlimited grass in cold weather. Camel grazing about 150 head of cattle. MARKET ON TUESDAYS.
POLITICAL AGENT, REWAH.	COLONEL COMMANDANT, 21ST I. I. BDE, JUBBULPORE.	8	BIRSINGPUR OR PALI.—16 m. 1 f. Road b., p. o., l. s., r. s. much better than before. Descent from 1
		114 m. 5 f.	m. 2 f. to 7 m. 2 f. through dense jungle ; at 7 m. 6 f. a nala 30 yds. broad with a village near by ; at 10 m. 4 f. the Nagothal nala, 80 yds. broad ; at 13 m. 5 f. the Johilla river impassable in flood. <i>Camping Ground.</i> —16 acres, E. of Public Works Department bungalow. <i>Water.</i> —6 wells in village ; one large tank and two small near C. G. <i>Supplies.</i> —On notice. MARKET ON FRIDAYS.

## Route No. 10.

FROM DAMOH TO REWAH *viâ* GONoor AND NAGODE.

*Length 146 m. 2 f.*

*13 Marches.*

*Authority and date (month and year).*—Colonel Commandant,  
21st Indian Infantry Brigade, Jubbulpur, January  
1922.

General direction E.-N.-E.

*Epitome.*—Road from Damoh to Bintee (26 miles) 15' wide, metal-  
led and bridged, fit for motors and wheeled transport ; thence to  
Puraina (25 miles) unmetalled ; passable for all arms. Puraina to  
3 m. N.-W. of Nagode (27 miles) is a fair-weather cart track, inter-  
sected with *nalas* and practically impassable for wheeled traffic in  
the rains ; thence to Rewah and 18' wide metalled and bridged road.

The country as far as Gonoor is flat ; thence to Rewah undulat-  
ing. The Biarma river in stage 5 and the Cane in stage 6 have to be  
forded ; in the rains they are crossed by ferry boats, but the boat on  
the Biarma is incapable of taking carts.

Camping ground and water are ample for a brigade and supplies  
for a brigade can be collected on notice being given, usually a month  
being required.

AUTHORITIES.		No. of stage and total distance.	Route No. 10.
Civil.	Mili- tary.		
D. C., DAMOH.	COL. COMDT. 21ST I. I. BDE., JUBBULPORE.		<p>DAMOH.—Headquarters of a civil district <i>b., p. o., t. s., r. s.</i> on the Bina Katni branch of the Great Indian Peninsula Railway.</p> <p><i>Camping Ground.</i>—W. of city N. of Saugor road.</p> <p><i>Water.</i>—On well on camping ground several others in vicinity.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 10.
Civil.	Military.		
DEPUTY COMMISSIONER, DAMOH.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Supplies.</i>—1,000 mds. cut firewood; 6,000 mds. grass; 12 mds. atta; 200 mds. grain; for animals 25 goats and 20 sheep.</p> <p>Route VI and XI cross and route 85 starts here.</p>
		1	<p>BANGAON.—13 m. At 6 m. old road to Hatta branches to left and runs parallel to present road and about 1 m. W. It is an unmetalled bridged road and not used now.</p> <p>At 9 m. Pala.</p> <p>Country is open and cultivated.</p> <p><i>Camping Ground.</i>—On old road to Hatta, 800 yds. N. of Bangaon; also at 13 m. on new road.</p> <p><i>Water.</i>—One well at 13 m.; tank at 13 m. 1 f.; well on old road 500 yds. N. of Bangaon, and the Kopra river 1,400 yds. W. of road.</p> <p><i>Supplies.</i>—A month's notice required.</p>
		13 m.	
		2	<p>HATTA.—10 m. At 5 m. Loo Haree, at 9 m. b., p. o., t. s. 6 f. cross nala by stone bridge.</p> <p>Population about 3,000.</p> <p><i>Camping Ground.</i>—500 yds. E. of road at 23 M. S. (from Damoh).</p> <p><i>Water.</i>—A well on camping ground and a tank, dry in hot weather. The Sumar river (unfordable banks steep) runs W. of Sumar; one ferry boat, capacity 10 men.</p> <p><i>Supplies.</i>—About 2 dozen goats, grass for <math>\frac{1}{2}</math> squadron, atta and rice for a double company, and country vegetables available. A fortnight's notice required for a brigade.</p>
		23 m.	



AUTHORITIES.		No. of stage and total distance.	Route No. 10.
Civil.	Military.		
DEPUTY COMMISSIONER, DAMOH.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		3	HINOTA.—10 m. 5 f. Road unmetalled after Binte (3 m.). At 5 m. 5 f. Hurdooa; at 7 m. Ghooturia; tanks at 3, 6, and 8 m; country undulating and covered with low scrub jungle. <i>Camping Ground.</i> —S. of road at 10 m. 5 f. <i>Water.</i> —Several wells in village, 300 yds. N.-E. of camping ground. Two wells 500 yds. W. of camping ground; <i>Supplies.</i> —Rations for one company but no cut fuel. A month's notice for a brigade.
		33 m. 5 f.	
		4	GYSABAD.—6 m. 7 f. At 1 m. 2 wells; at 2 m. 6 f. Bunhowrur; at 6 m. 1 f. Gysabad village. Country undulating and covered with low scrub. <i>Camping Ground.</i> —On both sides of road. <i>Water.</i> —From Biarma river, 200 yds. E. of camping ground. <i>Supplies.</i> —20 mds. fuel, 2 mds. atta and 20 mds. grain available. A fortnight's notice required for a brigade.
		40 m. 4 f.	
		5	TIGRA.—9 m. 2 f. At 3 f. cross Biarma river by ford, precipitious banks 30' to 40' high. stony bottom 200 yds. broad; in rains one ferry boat takes 15 men or 25 mds. but not carts. Other fords are 1 m. N. at Karaia, one $\frac{3}{4}$ m. S. and $1\frac{1}{4}$ m. S. at Amghat, river otherwise unfordable. At 5 m. Semaria (p. o.) with supplies for one battalion; at 7 m. 2 f. Tikla and tank.
		49 m. 6 f.	

## AUTHORITIES.

Civil.

Mili-  
tary.No.  
of  
stage  
and  
total  
distance.

## Route No. 10.

POLITICAL AGENT, NOWGONG.

COLONEL COMMANDANT, 20TH INDIAN INFANTRY BDE., JHANSI.

6

64 m.  
6 f.

Country low scrub jungle, cultivated near villages.

*Camping Ground.*—N. of road on bank of Cane river.

*Water.*—From Cane river.

*Supplies.*—Fodder for 50 horses, otherwise *nil*.  
A month's notice required for a brigade.

MAHEWA.—15 m. Road crosses Cane river by a ford stony bottom, 150 yds. wide, banks

30' high and precipitous, in rains ferry boat take 51 men or 75 mds. or one cart (empty) a ford 3 m. E. at Mahor has a similar ferry boats plying in the rains, there are several other fords, suitable for a cavalry and infantry.

At 2 m. pass Puraina, between which and Bamoori, 6 m. 5 f. the road is a mere cart-track in bad condition. At 10 m Tai.

Country flat and covered with low jungle, cultivated near villages.

At Mahewa is an old fort used as a police station.

*Camping Ground.*—N.-E. of large tank, N. of road not demarcated.

*Water.*—From tanks and 2 wells on camping ground.

*Supplies.*—Rations only for one company.  
One month's notice required for a brigade.

7

73 m.  
6 f.

GONoor.—9 m. Country open, waste land, cultivated near villages. Road commanded by low hills

to S.-W.

AUTHORITIES.		No. of stage and total distance.	Route No. 10.
Civil.	Military.		
POLITICAL AGENT, NOWGONG.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			<p>At <math>3\frac{1}{2}</math> m. Hinouti ; at <math>5\frac{1}{2}</math> m. Jhumta.  <i>Camping Ground</i>.—N.-E. of village not demarcated.  <i>Water</i>.—2 tanks N. and S. of camping ground. 2 wells S.-W. and one 400 yds. N.-E. of camping ground.  <i>Supplies</i>.—Fodder for 5 horses and rations for a company. One month's notice for a brigade.</p>
		8	<p>GIRWARO.—15 m. Low hills commanding road at 1 m. and 4 m.  At 6 m. Lohar Gaon.  From here road is stony and sandy crossing a succession of low hills about 1,500 yds. apart.  Tanks at <math>7\frac{1}{2}</math> m. and 10 m.  Country low scrub and waste land, cultivated near villages.  <i>Camping Ground</i>.—In mango tope, 100 yds. S. of village, not demarcated.  <i>Water</i>.—Two wells on camping ground and tank S. of camping ground.  <i>Supplies</i>.—Nil, a month's notice required.</p>
		<p>88 m. 6 f.</p>	
		9	<p>NAGODE.—12 m. At <math>4\frac{1}{2}</math> m. Simri, at <math>6\frac{1}{2}</math> m. b., p. o., t. s. Marhee ; at <math>9\frac{1}{2}</math> m. join Nowgong-Sutna main road. Nagode is the capital of Nagode state.</p>
		<p>100 m. 6 f.</p>	

AUTHORITIES.		No. of stage and total distance.	Route No. 10.
Civil.	Military.		
POLITICAL AGENT, SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	10	<p><i>Camping Ground.</i>—N. of road in mango tope, not demarcated.</p> <p><i>Water.</i>—2 wells on camping ground.</p> <p><i>Supplies.</i>—30 mds. cut firewood, 200 mds. grass, 10 mds. atta, 25 mds. grain, about 30 goats.</p>
		115 m. 2 f.	<p>SUTNA.—14 m. 6 f. Road crosses 5 nalas or b., p. o., t. s., r. s. rivers by masonry bridges. At the Sutna river 5½ m. from Sutna there is a stone causeway 100 yds. above the bridge, not now used but in good condition. A small civil station on the East Indian Railway with detachments of Indian Cavalry and Infantry from Jubbulpur, and of the Maharajah of Rewah's cavalry.</p> <p><i>Camping Ground.</i>—1 m. short of Sutna N. of road.</p> <p><i>Water.</i>—Well on camping ground and another in police lines, 200 yds. N.-E. of camping ground.</p> <p><i>Supplies.</i>—20 mds. firewood, 100 mds. grass, 30 mds. atta, 40 mds. grain, about 40 goats. Grazing in vicinity.</p>
		11 120 m. 7 f.	<p>MATHOGARH.—5 m. 5 f. At 1½ m. ridge p. o. commanding road on both sides. At 5 m. 2 f. Tons river, 100 yds. wide, crossed by a stone causeway; in rains 2 ferry boats, capacity 10 men or 1 cart; old fort on right bank.</p> <p><i>Camping Ground.</i>—200 yds. S. of road in mango tope.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 10.
Civil.	Military.		
POLITICAL AGENT, SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	12	<p><i>Water</i>.—One well on camping ground, two 200 yds. N.; also Tons river 400 yds. W.</p> <p><i>Supplies</i>.—20 mds. firewood, 10 mds. grass rations for a double-company.</p>
		131 m. 4 f.	<p>RAMPUR.—10 m. 5 f. At 4 m. 1 f. Durjun- b., p. o. pur, where a 7 span masonry bridge, com- manded by old fort in village, crosses nala. At 10 m. Rampur bungalow. At 10 m. 2 f. Noar nala with 5 spans masonry bridge.</p> <p><i>Camping Ground</i>.—N. of road at 10 m. 5 f. also a mango tope E. of bungalow, space for 2 battalions.</p> <p><i>Water</i>.—Well 400 yds. W. of camping ground also in bungalow compound and from Noar.</p> <p><i>Supplies</i>.—25 mds. firewood and rations for double-company, otherwise notice required.</p>
		146 m. 2 f.	<p>REWAH.—14 m. 6 f. At 2½ m. tank, at 6½ m. b., p. o., t. s. metallad road from Meyhere joins; at 7½ m. Bela; at 8 m. metallad road to Govind- garh; at 11 m. Chorhatter; at 15 m. crosses Pogur river by a stone causeway 18' by 3' above river bed, in rains by 3 boats, capacity 50 men and 3 smaller ones capacity 25 men; a similar crossing S. of Rewah on Rewah-Govindgarh road. River is 10 yds. wide, muddy bottom but fordable in most places.</p> <p>Country open and partly cultivated. Capital of Rewah State.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 10.
Civil.	Mili- tary.		
P. A., SUTNA.	COL. COMDT., 21ST I. I., BDE., JUBBULPORE.		<p><i>Camping Ground.</i>—At 14 m. 6 f. N. of road.</p> <p><i>Water.</i>—One well 100 yds. W. of camping ground, one S. of camping ground near road also Gogur river 200 yds. E.</p> <p><i>Supplies.</i>—40 mds. firewood, 150 mds. bhusa and grass, 25 mds. atta, 30 mds. grain, 55 sheep and goats, vegetables in cold weather, 15 day's notice required.</p>

## Route No. 11.

FROM ELLICHPUR TO BETUL (BADNUR) *viâ* GUDGAON

Length 60 m. 7 f.

7 Marches.

*Authority and date (month and year).*—Colonel Commandant,  
21st Indian Infantry Brigade, Jubbulpore, January 1922.

*Epitome.*—General Direction N.-E. Karasgaon is 3 miles off the road to the South. The road is metalled and partially bridged and passable except in heavy rain.

AUTHORITIES.		No. of stage and total distance.	Route No. 11.
Civil.	Military.		
DEPUTY COMMISSIONER, BETUL.	COLONEL COMMANDANT, 21ST I. I. BDE., JUBBULPORE.		ELLICHPUR.— <i>Vide</i> Route No. 2, stage 14, b., p. o., t. s. Routes 2, 4 and 5 meet here.
		1	KARASGAON.—7 m. Country open and level. Cross Maiga river and few nalas
		7 m.	
		2	CHIKLANA.—9 m. 4 f. Road bad, soil stony.
		16 m. 4 f.	<i>Camping Ground.</i> —Good and sufficient. <i>Water.</i> —Good, from river. <i>Supplies.</i> —Nil.
		3	SAWAL MENDA.—7 m. Cross Purna river and a nala (unbridged). Country hilly, jungly and stony. Road stony.
		23 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 11.
Civil.	Military.		
DEPUTY COMMISSIONER, BETUL.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p>A small village.  <i>Camping Ground.</i>—Indifferent.  <i>Water.</i>—From river.  <i>Supplies.</i>—Nil.</p>
		4	<p>GUDGAON.—7 m. 3 f. Cross a few nalas un-bridged. Road rough and stony.</p>
		30 m. 7 f.	<p>A small village.  <i>Water.</i>—From a well.  <i>Supplies.</i>—Procurable.</p>
		5	<p>JHALAR.—10 m. Cross a few nalas, un-bridged. Road rough and stony.</p>
		40 m. 7 f.	<p>A moderate-sized village.  <i>Water.</i>—From a well.  <i>Supplies</i>—Procurable.</p>
		6	<p>TAPTI RIVER.—9 m. Cross some nalas and Tapti river. Murram road; country hilly and jungly.</p>
		49 m. 7 f.	<p><i>Camping Ground.</i>—Good but confined.  <i>Water.</i>—Plentiful.  <i>Supplies.</i>—Must be collected.</p>
		7	<p>BETUL (BADNUR).—11 m. Cross Machna b, p. o., t. s., r. s. river and nalas (un-bridged). Murram road; soil stony. A civil station.</p>
		70 m. 6 f.	<p><i>Water</i> — } Abundant.  <i>Supplies.</i> — }  On routes 29 and 37.</p>



## Route No. 12.

FROM BURHANPUR TO ELLICHPUR.

Length 106 m.

8 Marches.

Authority and date (month and date).—Under orders of Colonel Commandant, 21st Indian Infantry Brigade, Jubbulpore, December 1921.

Epitome.—Metalled from Burhanpur to Dharini. Moorumed from Dharini to Sembadowl. Section from Sembadowl to Ellichpur is being metalled and should be finished 1922. The Moorum section is bad but passable for motors in the open season.

AUTHORITIES.		No. of stage and total distance.	Route No. 12.	
Civil.	Military.			
D. C. NIMAR AT KHANDWA.	G. O. C., C. P. DISTRICT.		BURHANPUR.— <i>b., p. o., t. s., r. s.</i> (2 m. distant.)	} See Route III, stag 13 to 15.
		1	SIRPUR.—11 m. <i>b.</i>	
		11 m. 2	KAKNUR.—13 m. 2 f. <i>b., p. o.</i>	
		24 m. 2 f.		
		3	DHERTALAI.—16 m. 4 f. Road metalled. <i>p. o.</i> Country undulating and generally cultivated. Irish bridges at all nalas except Deo nala m. 12.	
		40 m. 6 f.	At 3½ m. Tembi; at 4 m. Kanapug; at 5 m. Manjrod; at 10¼ m. Raitalai ( <i>b.</i> ) where water is scarce.	

AUTHORITIES.		No. of stage and total distance.	Route No. 12.
Civil.	Military.		
D. C., NIMAR AT KHANDWA.	G. O. C., C. P. DISTRICT.	4	<p><i>Camping Ground.</i>—Open space (stony). East of village on either side of road.</p> <p><i>Water.</i>—2 wells one in village, one on roadside S. of village.</p> <p><i>Supplies.</i>—For 200 men. Notice required for larger quantities and for grass and firewood. Bazar Sundays.</p>
		51 m.	<p>DHARNI.—10 m. 2 f. Country undulating b., p. o. generally cultivated, crops cotton, jowari and some wheat. Road very bad indeed for about 7 m., then good. Irish bridges at all nalas.</p> <p>At 1½ m. dak bungalows; at 4 m. Gargu river; at 5 m. Kalamkar; at 7 m. Kasamkot. Dharni is a village of 1,100 inhabitants with veterinary hospital and dispensary.</p> <p><i>Camping Ground.</i>—Around b., for 2 regiments.</p> <p><i>Water.</i>—About a dozen wells (perennial).</p> <p><i>Supplies.</i>—Supplies on hand for 200 men; 3 weeks' notice for larger quantities; grass and firewood plentiful. Bazar on Fridays.</p>
DEPUTY COMMISSIONER, AMRAOTI, AMRAOTI.	COL. COMDT., 21ST L. I. BDE., JUBBULPORE.	5	<p>HARISAL.—15 m. Road metalled. At end b. of stage cross Sipna river, impassable for 2 or 3 days after heavy rains.</p> <p><i>Camping Ground.</i>—</p> <p><i>Water.</i>—From Sipna river.</p> <p><i>Supplies.</i>—</p>
		66 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 12.
Civil.	Military.		
D. C. OF AMRAOTI, AMRAOTI.	COL. COMDT., 21ST I. I. BDE., JUBBULPORE.	6	SEMBADOWL.—15 m. Road metalled ; rather hilly, At 7 m. Botia, on the Sipna
		81 m.	river. <i>Camping Ground.</i> — <i>Water.</i> —Sipna river. <i>Supplies.</i> —
		7	BELA.—13 m. Road metalled and hilly.
		94 m.	<i>Camping Ground.</i> — <i>Water.</i> — <i>Supplies.</i> —
		8	ELlichPUR.—12 m. A large city. Head-quarters of the district.
		106 m.	<i>b., p. o., t. s.</i> meet here. Routes 2, 4, 5 and 12

## Route No. 13.

FROM NAIAGAON TO SINGOLI *via* NEEMUCH.

Length 55 m.

5 Marches.

Authority and date (month and year).—Connects with Sind-Rajputana District, Route 32).

AUTHORITIES		No. of stage and total distance.	Route No. 13.
Civil.	Military.		
POLITICAL AGENT, MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, C. P. DISTRICT.	1	<p>NIAGAON.— (<i>Khensapura, r. s.</i>)</p> <p>About 300 houses, and a small dharamsala (not now used).  <i>Camping Ground.</i>—210 yds. S. of village.  <i>Water.</i>—9 wells, 40 ft. deep.  <i>Supplies.</i>—Very scarce, 5 shops; transport available.</p>
		7 m. 7 f.	
			<p>NEEMUCH.—7 m. 7 f. At 2 m. 2 f. a chauki b., p. o., t. s., r. s. on the right and Kandkan on the left, at 3 m. 4 f. Sagrana; at 4 m. <math>\frac{3}{4}</math> f. a well; at 5 m. <math>1\frac{3}{4}</math> f. Dungaluda; at 6 m. <math>3\frac{3}{4}</math> f. a chauki and temple where the road to the town of Neemuch branches off to left; at 6 m. <math>4\frac{3}{4}</math> f. Kanauti.  <i>Camping Ground.</i>—N.-E. of Church of England.  <i>Water.</i>—  <i>Supplies.</i>— } Plentiful.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 13.
Civil.	Military.		
POLITICAL AGENT, MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		By route III to Mhow (16 marches). By route 34 to Goona (16 marches).
		2	MORWAN.—14 m. 2 f. At 2 m. 1 f. cross the cantonment boundary near Neemuch city ;
		22 m. 1 f.	at 4 m. 6 f. pass Malkhera ; at 7 m. 2 f. Newar ; at 9 m. Napanio ; at 10 m. Semli, 10 wells ; at 12 m. 2 f. Sarwanis. Cross several nalas in this stage. Road unmetalled. Moderate-sized village situated on the right bank of Gumeri nala. <i>Camping Ground.</i> —Rough and to the N.-E. <i>Water.</i> — } Abundant. <i>Supplies.</i> — }
		3	DEKAM.—10 m. 1 f. At 1 m. cross the Gumeri river ; low banks, bed rocky ;
		32 m. 2 f.	at 3 m. 5 f. Daroli ; at 9 m. 2 f. Barampura ; very little cultivation and patches of jungle ; road unmetalled and bad after Gumer river ; a large village. <i>Camping Ground.</i> —N.-E. and near tank. <i>Water.</i> — } Abundant. <i>Supplies.</i> — }
		4	RATANGARH.—7 m. At 6 m. 3 f. a road to
		39 m. 2 f.	p. o. right over Gunjali river, by bridge partially broken down ; at 6 m. 7 f. cross the Gunjali river by ford, at the foot of Ratangarh ; country open. Rough and stony cart-track.

AUTHORITIES.		No. of stage and total distance.	Route No. 13.
Civil.	Military.		
POLITICAL AGENT, MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	5	<p>A large village with a hill fort in ruins, situated on the Gunjali river.</p> <p><i>Camping Ground</i>.—S.-W. or on the N. at the top of hill.</p> <p><i>Water</i>.— } Abundant.</p> <p><i>Supplies</i>.— }</p>
		55 m.	<p>SINGOLI.—16 m. The road passes over b., p.o. a ghat of easy gradient about <math>\frac{1}{2}</math> m. long</p> <p>On the summit is the hill fort of Ratangarh, now in ruins; at 1 m. road to Begum branches off to left; pass Umar, Umedpura, Khara, Patan, Talai, and Balicha, small villages on route: at 15 m. 4 f. cross the Bamni river 95 yds. wide, bed stony, fordable except in rains; at 15 m. 5 f. road to Begum branches off to left. Cross several nalas in this stage; country undulating and jungly. Rough stony cart-track.</p> <p>Here a road branches off to E. to Kotah, 45 m.</p> <p>A small walled town situated on the Bamni river.</p> <p><i>Camping Ground</i>.—W. near bungalow, or N.-E.</p> <p><i>Water</i>.—Abundant.</p> <p><i>Supplies</i>.—On notice.</p>

## Route No. 14.

FROM DOHAD TO RUTLAM.

Length 79 m. 5 f.

8 Marches.

*Authority and date (month and year).—*

*Epitome.*—General direction E.-N.-E. Indifferent and sandy cart road for about 26 m.; then good road, made or metalled, as far as Dohad. After Dohad the road is bad, though passable throughout by wheeled traffic; impassable for motors. Supplies (on notice) and water obtainable throughout; forage obtainable everywhere.

AUTHORITIES.		No. of stage and total distance.	Route No. 14.
Civil.	Military.		
COLLECTOR, PANCH MAHALS, AT GODHRA.	G. O. C., CENTRAL PROVINCES DISTRICT.		DOHAD.—
		1	Route XII branches off at Dohad (to Mhow 11 marches). Connects with Sind Rajputana District Route 30 to Baroda.
		11 m. 6 f.	RACHRA.—11 m. 6 f. First 6 m. broad, firm r. s. (ANAS). and level, then very heavy ruts. At 2 m. 5 f. from Dohad cross Khan river, bed rocky ford rough and heavy; pass Mundnan, Dhamria Disi-ki-Bordi, Naik-ki-Bordi, and Telichia; at 8 m. 5 f. Kali river. Country jungly, with cultivation near villages. Three small hamlets. <i>Camping Ground.</i> —Two, both demarcated, total area 27 acres, all cultivated land.

AUTHORITIES.		No. of stage and total distance.	Route No. 14.
Civil.	Military.		
P. A., SOUTHERN STATES, AT MANPUR.	COLLECTOR, PANCH MAHALS, AT GODHRA.		<p><i>Water</i>.—Tank, with water for 10 months, 2 pucca wells, one in railway limits.  <i>Supplies</i>.—Nil.  <i>Fodder</i>.—Obtainable.</p>
		2	
P. A., SOUTHERN STATES, AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	24 m. 5 f.	<p>AGRAL.—12 m. 7 f. At 3 m. Khol; at 4 m. 2 f. Avas river; banks steep, descent easy; road runs for 800 yds. in bed, thence up right bank by deep cutting. At 4 m. 7 f. Dadyo and at 9 m. 4 f. Indargarh. Country as before becomes open at Agral. Road heavy and rugged with deep ruts, better after crossing river. A small village.  <i>Camping Ground</i>.—S.-W. near tank, 3 bighas, not demarcated.  <i>Water</i>.—Plentiful and good from one well.  <i>Supplies</i>.—Scanty.  <i>Forage</i>.—Plentiful.</p>
		3	
		29 m. 5 f.	<p>SEOGARH.—5 m. At 2 m. 2 f. Umarde; at 3 m. 1 f. cross railway line. At 4 m. 4 f. cross Bamti river; country open and cultivated. Tolerable cart-road; first 5 m. rocky and intersected by nalas, heavy, and narrow in parts. A small village, with fort.  <i>Camping Ground</i>.—On plain 150 yds. N.-E.  <i>Water</i>.—Large wells and pools in Bamti river.  <i>Supplies</i>.—Few shops.  <i>Forage</i>.—Plentiful.</p>



AUTHORITIES.		No. of stage and total distance.	Route No. 14.
Civil.	Military.		
POLITICAL AGENT, SOUTHERN STATE, MANPUR.  GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		4	<p>PITLAWAD.—12 m. 7 f. At 2 m. 4 f. cross Bamti river; at 3 m. 6 f. cross railway line; at 4 m. 4 f. Bawri; at 6 m. commence ascent to table land by ghat, up which road runs for 4 f. ascent gradual but rough, with ruts and large stones; at 8 m. 2 f. and at 11 m. 3 f. Unai and Khorla. Country between Bawri and Unai jungly, then open and cultivated. Tolerable cart-road—except the ascent of the ghat. A moderate-sized village.</p> <p><i>Camping Ground.</i>—N. among fields.</p> <p><i>Water.</i>—Several wells and Larki nala.</p> <p><i>Supplies.</i>—Abundant.</p>
		42 m. 4 f.	
		5	
		52 m. 3 f.	
		6	<p>CHAYEN.—8 m. At 1 m. 5 f. and at 5 m. 2 f. Hanan and Gana-wad, country hilly.</p>
		30 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 14.
Civil.	Military.		
P. A. IN MALWA, AT NEEMUCH.  GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.			<p>Road 5 m. narrow, with occasional ruts, but fairly good. Rest very heavy, uneven and rocky. Small village on right bank of Mahi river.</p> <p><i>Camping Ground.</i>—150 yds. S. about 20 bighas, not demarcated.</p> <p><i>Water.</i>—From Mahi river.</p> <p><i>Supplies.</i>—Nil.</p> <p><i>Forage.</i>—Plentiful from neighbourhood.</p>
		7	<p>KUAJAGAR.—9 m. 5 f. At Chayen cross Mahi river 100 yds. wide, left bank low, descent easy, bed very heavy and stony; right bank steep; road ascends by easy winding cuttings. At 2 m. 2 f. Palas; at 4 m. 2 f. Undwa river, bed rocky and rugged; road up right bank through easy winding cuttings, but heavy and rugged. At 7 m. 7 f. Mandri. Country open and cultivated. Road good, but precipitous in parts. A small village.</p> <p><i>Camping Ground.</i>—On left bank of hararia Khal river which cross at Kuajagar, bed rocky and uneven.</p> <p><i>Water.</i>—From river.</p> <p><i>Supplies.</i>—Nil.</p>
		70 m.	
		8	<p>RUTLAM.—9 m. 5 f. Pass village of Tiri and Mathori; country as before.</p>
		79m. 5f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 14.
Civil.	Mili- tary.		
P. A., IN MALWA, AT NEEMUCH. GENERAL OFFICER COMMAND- ING, CENTRAL PROVINCES DIS- TRICT.			<p>Road good but narrow. A large town the residence of a Maharaja. Junction of the Ajmer-Khandwa (metre gauge) railway with broad gauge line.</p> <p><i>Camping Ground.</i>—Demarcated, near bungalow, 18 acres.</p> <p><i>Water</i>—Abundant.</p> <p><i>Supplies.</i>—Abundant, well, 25 feet deep.</p> <p><i>Transport.</i>—Available.</p> <p>By Route III to Neemuch (8 marches).</p> <p>” ” to Nasirabad (21 marches).</p> <p>” ” to Mhow (8 marches.)</p>

## Route No. 15.

## CHOTA UDEPUR TO KAMPTEE.

Length 424 m.

39 Marches.

*Authority and date (month and year).—*

*Epitome.*—General direction E. by S. Betul to Kamptee metalled and motorable throughout except during very heavy rain, when the crossings (although paved) in miles 140, 156 and 161 from Betul become impassable for a few hours. Between Borgaon and Betul the country is Government forest reserve, hilly with thick jungle, and very sparsely inhabited by Bhils, the water supply is uncertain and many of the villages marked on the map are deserted. With the exception of grass and wood there are no supplies; the track is very bad and is only fit for lightly loaded country carts (6 to 8 mds.) and pack transport. The Tapti, crossed twice in this portion, is unfordable till the end of October while there are no boats at the crossings. From Betul to Chichunda a first class metalled road runs, while the road on to Kamptee is a good made one. A better route, though longer by about 50 miles, is by route 17 to Dhulia, thence to Burhanpur (*vide* Volume VI of 1910) any from there *via* Ellichpur. By this alternative the Tapti is crossable by ferry boat in the rains while the major portion of the route is metalled.

AUTHORITIES.		No. of stage and total distance.
Civil.	Military.	

## Route No. 15.

P. A., REWAKANTHA AT  
GODHRA.

G. O., C., C. P. DISTRICT.

CHOTA UDEPUR.—Connects with Sind b., p. o. Rajputana Dist. Route 29. A small town nearly surrounding a brick fort. Residence of a Raja tributary to the Gaekwar, on the Orsang river which runs to W.

*Camping Ground.*—None fixed.

*Water.*—From wells, tanks and Orsang river.

*Supplies.*—Available.

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Military.		
P. A., S. STATES OF CENTRAL INDIA AT MANPUR.	GENERAL OFFICER COMMANDING, C. P. DISTRICT.	1	DEOHATI.—9 m. At 6 f. Orsang river, 220 yds. wide, bed sandy and difficult for carts ; at 5 m. 1 f. cross nala and pass villages of Dhumodi and Umbala.
		9 m.	Small village. <i>Camping Ground</i> .—None fixed. <i>Water</i> .—From Khadiali river. <i>Supplies</i> .—None locally.
		2	CHANDPUR.—10 m. 6 f. At 2 f. Khadiali river, at 3 m. 6 f. cross a nala 67 yds. wide ; at 4 m. 5 f. Rungpur ; at 8 m. 2 f. cross nala.
		19 m. 6 f.	A small village. <i>Camping Ground</i> .—S. 2 bighas, cleared, not demarcated. <i>Water</i> .—From pits in nala and one well (pucca). <i>Supplies</i> .—Scarce.
		3	RAJPUR (Ali).—9 m. 3 f. At 8 m. 4 f. cross b., p. o. Borkhad.
		29 m. 1 f.	A small town, capital of State. Chief's palace. <i>Camping Ground</i> .—S. 5 bighas, ground as above. <i>Water</i> .—From a few wells. <i>Supplies</i> .—Plentiful and fair.
		4	NANPUR.—11 m. 6 f. At 9 m. 2 f. Sukar river, 66 yds., bed sandy. Small vil-
		40 m. 7 f.	lage. <i>Camping Ground</i> .—E. 2½ bighas, ground as above.

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Military.		
POLITICAL AGENT, SOUTHERN STATES OF CENTRAL INDIA, MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p><i>Water.</i>—Good, from a few wells.  <i>Supplies.</i>—Scarce.</p>
		5	CHIKLI.—6 m. 3 f. At 5 m. 3 f. Hatni river
		47 m. 2 f.	66 yds. wide, bed sandy, banks low.
			<p>Small village.  <i>Camping Ground.</i>—S. E., uneven ground.  <i>Water.</i>—Scarce and bad from wells and nala.  <i>Supplies.</i>—Scarce and difficult.</p>
		6	KUKSI.—10 m. 6 f. Pass villages of Palasi
		58 m.	p. o. Ali, Talanpur and Silkua in this stage.
			<p>Country cultivated.  <i>Camping Ground.</i>—None fixed.  <i>Water.</i>—From wells.  <i>Supplies.</i>—Few shops.</p>
		7	LOHARIA.—10 m. At 1 m. 3 f. Wagni
		68 m.	river, 129 yds. wide, bed stony; at 5 m. 3 f. Ambara; at 6 m. 3 f. Uri river, 75 yds. wide, bed stony. At 7 m. 5 f. Dhulsar. <i>Camping Ground.</i> —None fixed. <i>Water.</i> —From river and wells. <i>Supplies.</i> —Scarce.
		8	MANAWAR.—13 m. 3 f. Pass Singana, Borad,
		81 m. 3 f.	Dedla.

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Military.		
POLITICAL AGENT, SOUTHERN STATES OF CENTRAL INDIA, MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p><i>Camping Ground.</i>—30,000 sq. yds., S.-E. of village.</p> <p><i>Water.</i>—Man river, scarce in summer.</p> <p><i>Supplies.</i>—A few shops.</p>
		9	<p>BAKANER.—6 m. 3 f. From here metalled road to Amjherar. At <math>4\frac{1}{2}</math> f. cross Man</p>
		87 m. 6 f.	<p>river, 100 yds. wide.</p> <p><i>Camping Ground.</i>—N. of village on bank of nala.</p> <p><i>Water.</i>—From wells, Man river and Gatwal nala, scarce in summer.</p> <p><i>Supplies.</i>—Few shops.</p>
		10	<p>DHARAMPURI.—12 m. 5 f. Cross nala; at p. o. 1 m. 6 f. cross another nala; at 3 m. 4 f.</p>
		100 m. 3 f.	<p>Shirwi; at 7 m. 4 f. Akhale; at 11 m. 7 f. Rui nala.</p> <p>Small town on N. bank of Narbada river.</p> <p>Headquarters of sub-division.</p> <p><i>Camping Ground.</i>—None fixed.</p> <p><i>Water.</i>—From Narbada river.</p> <p><i>Supplies.</i>—Large bazar.</p>
		11	<p>KHALA GHAT, N. BANK.—8 m. 3 f. N. bank of river; at 3 m. 7 f. pass Lunhera.</p>
		108 m. 6 f.	<p>Here main Routes Nos. VIII and IX from Bombay to Mhow cross the Narbada by a submerged bridge. Nurbada 1,320 yds. wide, bed rocky, banks steep.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Military.		
POLITICAL AGENT, SOUTHERN STATES OF CENTRAL INDIA, MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p><i>Camping Ground.</i>—On the South bank 4 acres, demarcated, cleared.  <i>Water.</i>—From Narbada river.  <i>Supplies.</i>—Abundant.</p>
		12	CHOTA KASRO.—12 m. 3 f. At 1 m. 2½ f. b. pass Akbarpur; 5 m. cross Satak nala; at
		121 m. 1 f.	8 m. 3¼ f. Bhilgaon. <i>Camping Ground.</i> —N.-W. of village. <i>Water.</i> —From wells and nala. <i>Supplies.</i> —Few shops.
		13	MULTAN.—10 m. 1 f. At 5 m. 5 f. Deolan; at 6 m., cross Beda river 134 yds. wide, bed
		131 m. 2 f.	stony, banks easy. <i>Camping Ground.</i> —N.-E. of village. <i>Water.</i> —Tank and wells. <i>Supplies.</i> —Few shops.
		14	SUKAR.—13 m. 4 f. At 5 m. 3 f. Chondi; at 9 m. Pipali; at 10 m. 6 f. Dinlai; at 13 m.
		144 m. 6 f.	Ahar nala, 40 yds. broad, bed stony. <i>Camping Ground.</i> —On Ahar nala ½ m. from village. <i>Water.</i> —From wells. <i>Supplies.</i> —Scarce.
		15	BIKANGAON.—5 m. 7 f. At 2 m. 4 f. Kedwa; country cultivated.
		150 m. 5 f.	<i>Camping Ground.</i> —W. of well near village. <i>Water.</i> —From wells. <i>Supplies.</i> —Scarce.



## Route No. 15.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
P. A. SOUTHERN STATES OF CENTRAL INDIA, ATMANPUR	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	16	CHIRBAIL.—11 m. 5 f. At 1 m. 3 f. Temla; at 6 m. 6 f. Panasla.
		162 m. 2 f.	<i>Camping Ground.</i> —S. of village. <i>Water.</i> —Tank and wells. <i>Supplies.</i> —Scanty.
		17	PUNDHANA.—12 m. 2 f. At 1 m. 3 f. Bilun- p. o. khhera; at 4 m. 6 f.
		174 m. 4 f.	Sirsod; at 7 m. Konla- dil; at 9 m. 5 f. Abna river. <i>Camping Ground.</i> —1 m. N.-E. on Ghorwa river. <i>Water.</i> —Wells and river. <i>Supplies.</i> —Many shops. A metalled road runs from here to Khandwa.
		18	BORGAON.—9 m. 6 f. At 3 m. join made road b. (2 m. from C. G.) from Mhow (route III.
		184 m. 2 f.	<i>Camping Ground.</i> —1½ m. N. of village, near Sukta river. <i>Water.</i> —Sukta river and a small stream ¼ m. S. of it. <i>Supplies.</i> —Several shops; transport available. From Mhow in 8 marches.
D. C., NIMAR, AT KHANDWA.		19	PIPLOD.—15 m. 2 f. At 4 m. Dangargaon r. s. After crossing the rail- way the road is a mere
		199 m. 4 f.	track. At 10 m. Bilkhera. <i>Camping Ground.</i> —In front of Police Thana, for one battalion; not demarcated. <i>Water.</i> —One good well. For animals at river 1 mile distant. <i>Supplies.</i> —On notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Military.		
DEPUTY COMMISSIONER, NIMAR, AT KHANDWA.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	20	DHANDA.—18 m. In this march, and in the subsequent ones as far as Betul, the road is only a very rough and narrow cart-track through thick jungle and leading over numerous rocky <i>nala</i> beds.
		217 m. 4 f.	At 4 m. Gorikhhera; at 8½ m. Borikhhera; at 15 m. Dewali, a deserted police hut; two or three tracks branch off here, and a guide should be taken from Borikhhera. A small Bhil village.
			<i>Camping Ground</i> .—On banks of stream; 100 yds. distant.
			<i>Water</i> .—From stream; a well is sunk in bed when stream dries up (May).
			<i>Supplies</i> .—Nil.
		21	BUTLI.—18 m. Road as above.
			Pass Raipur and Sendwa, both deserted.
		235 m. 4 f.	<i>Camping Ground</i> .—Extensive.
			<i>Water</i> .—From stream.
			<i>Supplies</i> .—From Bhamgarh.
	22	BALTA.—10 m. Cross a river and 5 <i>nalas</i> in this march.	
	245 m. 4 f.	<i>Camping Ground</i> .—Good.	
		<i>Water</i> .—From river.	
		<i>Supplies</i> .—By notice to Suba at Khurda.	
	23	BORKUND.—8 m. Cross 4 <i>nalas</i> in this march.	
	253 m. 4 f.	<i>Camping Ground</i> .—Good.	
		<i>Water</i> .—From wells.	
		<i>Supplies</i> .—As above.	

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF BETUL, BADNUR.  GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		24	MOHTA.—10 m. In this march grass 4 <i>nalas</i> and the Tapti river, impassable till the end of October.
		263 m. 4 f.	<i>Camping Ground.</i> —Good. <i>Water.</i> —From Tapti river. <i>Supplies.</i> —None locally. On notice from Kamapur, Chandu and Chicholi.
		25	BORI.—15 m. Cross 5 <i>nalas</i> in this march.
		278 m. 4 f.	<i>p. o.</i> <i>Camping Ground.</i> —Confined by jungle. <i>Water.</i> —Excellent strong spring from <i>nala</i> . <i>Supplies.</i> —As above.
		26	JAMBU.—14 m. Cross 4 <i>nalas</i> in this march.]
		292 m. 4 f.	<i>Camping Ground.</i> —Good. <i>Water.</i> —From Tapti river. <i>Supplies.</i> —As above.
		27	CHUNA.—11 m. Cross Tapti river and 5 <i>nalas</i> in this march.
		303 m. 4 f.	<i>Camping Ground.</i> —Good. <i>Water.</i> —From Tapti river <i>Supplies.</i> —From Chicholi.
		28	KHERI.—10 m. Cross 5 <i>nalas</i> in this march.
		313 m. 4 f.	<i>Camping Ground.</i> —Good and extensive. <i>Water.</i> —Wells and tank, scarce in hot weather; <i>Supplies.</i> —None locally; on notice from Betul and Chicholi.

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Military.		
DEPUTY COMMISSIONER OF BETUL, BADNUR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		29	BETUL BADNUR.—8 m. A good sized place ; <i>p.-o., r.-s.</i> the residence of a Deputy Commissioner.
		321 m. 4 f.	<i>Camping Ground.</i> —Government property, S. of town. <i>Water.</i> —Tanks, wells and Machna river. <i>Supplies.</i> —For 100 men ; notice required for larger numbers. Gram for horses. By route 37 to Bhopal, 9 marches.
		30	SASUNDRA.—16 m. At 5½ m. Milanpur ; at 9 m. cross Sampna river, banks easy, ford- able one hour after rain ; at 10 m. Khapa at 12 m. Jhitapati ; at 13 m. Belmandi to left and 15 m. Nawagon to right. Country hilly and jungly, with cultivation. A large village with police station and serai.
		337 m. 4 f.	<i>Camping Ground.</i> —Cleared, 1½ m. from road E. of village, high stony ground ; near old road to Chachunda. <i>Water.</i> —Good, from Public Works Department well. <i>Supplies.</i> —As above.
		31	MULTAL.—13 m. 3 f. At 3½ m. Umbaria ½ b., p. o. m. right, at 6½ m. Nagurkot ; at 7¾ m. Mohi ; at 9 m. Bhelai ; at 10 m. district bun- galow 13 m. 2 f. b. A large town with hospital, tahsil and police station. <i>Camping Ground.</i> —Government ; good ¼ m. N.
		350 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 15.	
Civil.	Mili- tary.			
DEPUTY COMMISSIONER OF CHINDWARA.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Water</i>.—One pucca Public Works Department well, and other wells. <i>Supplies</i>.—As above.</p>	
		32	<p>CHICHUNDA.—8 m. At <math>4\frac{1}{2}</math> m. Malegaon, 3 f. left. Country open and cul- tivated.</p>	
		358 m. 5 f.	<p>A small village with serai and police station. <i>Camping Ground</i>.—<math>\frac{1}{2}</math> m. S.-W. of village, to left of road. Government ground. <i>Water</i>.—Three wells. <i>Supplies</i>.—As above.</p>	
		33	<p>TIGAON.—9 m. 5 f. Cross <i>nalas</i> at 3 f. 1 <math>\frac{1}{2}</math> p. o. m., 1 <math>\frac{1}{2}</math> m., 1 <math>\frac{1}{2}</math> m., 3 <math>\frac{1}{2}</math> m. (with well on bank). 7 m., 7 <math>\frac{1}{4}</math> m., 8 m., 8 <math>\frac{1}{4}</math> m., 8 <math>\frac{1}{2}</math> m., and 9 <math>\frac{1}{4}</math> m.</p>	
		368 m. 2 f.	<p>A small village. <i>Camping Ground</i>.—1,100 yds. East of village, <i>Water</i>.—Good, from Jam river and wells till February, after which brought from a distance, <i>Supplies</i>.—Two shops. Market on Fridays.</p>	
		34	<p>SEONI (VILLAGE).—11 m. 6 f. Cross several p. o. <i>nalas</i> in this stage, most of them are paved or have culverts. At 3 <math>\frac{1}{2}</math> m. Monza Deokhap to left; at 5 <math>\frac{1}{2}</math> m. Pandhorana, town with p. o., police station and abundant supplies; at 6 m. Monza Bahmni with serai and dak bungalow; at 10 m. Monza Moredongri.</p>	
		380 m.	<p>A small village with serai and 6 shops. <i>Camping Ground</i>.—100 yds. W. of village.</p>	

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Military.		
DEPUTY COMMISSIONER, NAGPUR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE			<p><i>Water.</i>—Well close by (good).  <i>Supplies.</i>—On two weeks' notice.</p>
		35	<p>CHICHOLI.—7 m. 6 f. Cross several <i>nalas</i>,  <i>b., p. o.</i> most of which are  paved, and none of  which are large.  A small village, with serai and police station.  <i>Camping Ground.</i>—200 yds. W. of village. An-  other at 7 m. 3 f. under large banian trees.  <i>Water.</i>—A well close by both C. Gs.  Four wells in village.  <i>Supplies.</i>—On two weeks' notice.</p>
		387 m. 6 f.	
		36	<p>UMRI.—9 m. 7 f. Country open and cul-  tivated. At 3½ m.  Asangaon to left;  at 5½ m. Khursa-  pur; at 7 m. Chuthrapur to right; at 9¼ m.  descent  A small village.  <i>Camping Ground.</i>—¼ m. W. of village to right  of road.  <i>Water.</i>—8 wells.  <i>Supplies.</i>—Scarce. Two shops.</p>
		395 m. 5 f.	
		37	<p>SAONAIR.—7 m. 3 f Country open and cul-  <i>b., p. o.</i> tivated; Mango and  tamarind trees. At  2½ m. Pimpri 3 f. right; at 3½ m. Bagarimayari  ¼ m. left; at 4 m. Haiti.  A large village with police station, two serais and  seven shops.</p>
		403 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Military.		
DEPUTY COMMISSIONER NAGPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Camping ground.</i>—<math>\frac{1}{2}</math> m. N.-E. of village, near serai.</p> <p><i>Water.</i>—From wells and rivers.</p> <p><i>Supplies.</i>—Abundant.</p> <p>Here Route 38 joins. From Saugor 21 marches.</p>
		38	<p>PATANSAONGI.—7 m. 7 f. At <math>2\frac{1}{4}</math> m. Gujar- b., p. o. kheri; at <math>2\frac{1}{2}</math> m. Burujwara to right; at <math>3\frac{1}{2}</math> m. Malaigaon, <math>\frac{1}{2}</math> m. right; at <math>4\frac{1}{4}</math> m. Manaigaon; at <math>5\frac{1}{2}</math> m. Takri to left.</p> <p>A large village with serai, police station and 11 shops.</p> <p><i>Camping Ground.</i>—<math>\frac{1}{2}</math> m. N.-E. of village, to right of road.</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>— } As above.</p>
		410 m. 7 f.	
		39	
		424 m.	<p>KAMPTEE.—13 m. 1 f. At <math>\frac{1}{2}</math> m. road to Wari; b., p. o., t. s., r. s. at <math>2\frac{3}{4}</math> m. dak bun- galow about 200 yds. right; at 3 m. Pipla; at 4 m. made road to Nagpur branches off; at <math>4\frac{1}{2}</math> m. Dahigaon <math>\frac{1}{4}</math> m. left; at <math>7\frac{3}{4}</math> m. Chicholi 3 f. right; at <math>8\frac{3}{4}</math> m. Bhanaigaon <math>\frac{1}{2}</math> m. left; at <math>9\frac{1}{2}</math> m. Kular river, 98 yds. wide, no bridge; at <math>10\frac{1}{4}</math> m. Warigaon <math>\frac{1}{4}</math> m. left.</p> <p>A cantonment.</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>— } Available.</p> <p>By Route VI to Jubbulpur in 14 marches.</p>

## Route No. 16.

FROM MHOW TO JHALRAPATAN.

Length 165 m. 3 f.

13 Marches.

*Authority and date (month and year).*—G. O. C., C. P. District.*Epitome.*—General direction N., a good metalled road except for the part from 7 m. beyond Sohet to 3 m. beyond Raipur (9 m.). Water and supplies obtainable throughout except at Mokundara and Mandana where water sometimes becomes scarce in the hot weather.

Suitable for motors throughout. Between Agar and Susner the driver should look out for Irish bridges in the valleys, which would be dangerous if taken at high speed.

AUTHORITIES.		No. of stage and total distance.	Route No. 16.	
Civil.	Military.			
RESIDENT IN INDORE.	G. O. C., C. P. DISTRICT.	1	INDORE.—13 m. 6 f	See main Route VIII, stages 8, 9 and 10.
		13 m. 6 f.	b., p. o., t. s., r. s.	
		2	DAKACHIA.—12 m. 7 f.	
		26 m. 5 f.		
		3	DEWAS.—10 m. 1 f.	
		36 m. 6 f.	b., p. o., t. s.,	
		4	From Dewas to Bhopal by Route 36 (8 marches).	
		48 m. 5 f.	MARWAHAL.—11 m. 7 f.	Road fair, metalled and bridged. Country open and cultivated. At 2 m.
			b.	



AUTHORITIES.		No. of stage and total distance.	Route No. 16.
Civil.	Military.		
P. A. MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	5	<p>pass Itawa ; at 5 m. cross Khurdi, a <i>nala</i> ; at 9 m. 2 f. Palkhanda.</p> <p>A moderate-sized village with fort.</p> <p><i>Camping Ground</i>.—13,068 sq. yds. S. near bungalow, marked by ditch and mound uneven, and requires clearing.</p> <p><i>Water</i>.—From a few wells and <i>nala</i>.</p> <p><i>Supplies</i>.—Several small shops, supplies on notice.</p>
		59 m.	<p>UJJAIN (N.-W. GATE).—11 m. Cross large <i>nala</i> b., p. o., l. s., r. s. on starting. At 4 m, Datana, and cross</p> <p><i>nala</i> fordable. At 5 m. 6 f. Chandesda ; at 11 m. 1 f. E. gate of Ujjain.</p> <p>Country as above. Road metalled. A walled city on Sipra river on Bombay, Baroda and Central India Railway.</p> <p><i>Camping Ground</i>.—S. near bungalow, large.</p> <p><i>Water</i>.—From waterworks.</p> <p><i>Supplies</i>.—Abundant.</p>
RESIDENT AT GWALIOR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	6	<p>NAZARPURA 12 m. 4 f. Country undulating and partly cultivated. Road as</p>
		72 m. 1 f.	<p>above.</p> <p>At 5 m. pass Surasa ; at 6 m. Dabla ; at 10 m. 2 f. Nipania.</p> <p>A small village.</p> <p><i>Camping Ground</i>.—350 × 200 yds. near village W. (left) of road.</p> <p><i>Water</i>.—From wells.</p> <p><i>Supplies</i>.—On notice.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 16.
Civil.	Military.		
RESIDENT AT GWALIOR. P. A., MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	7	DHABLA.—11 m. 2 f. Country undulating, and rising to a ridge of low hills, which intersect road at 1 m. At 2 m. 6 f. Ghatia (bungalow); at 7 m. 2 f. Ghosla, whence metalled road to Gogapur on Rutlam-Kotah Railway; at 10 m. cross a nala by causeway. Road as above.
		83 m. 3 f.	A moderate-sized village. <i>Camping Ground.</i> —Near village to N.-W. 150 × 150 yds., not demarcated. <i>Water.</i> —Abundant, 2 wells. <i>Supplies.</i> —From surrounding villages, on notice.
		8	TANURIA.—8 m. Country undulating and partly cultivated, full of fissures and holes. Road as above.
		91 m. 3 f.	At 1 m. 6 f. pass Jhalara; at 3 m. 6 f. Pat (bungalow) and cross Kalsand river, fordable, except in rains; at 3 m. 7 f. Parsi (2 large ferry boats over Kalsand in rains; approach to boats unsuitable for guns or motors). A medium-sized village. <i>Camping Ground.</i> —To N.-E. on high ground near a well. <i>Water.</i> —From wells and tank to E. of C. G. <i>Supplies.</i> —On notice; also weekly market, and small bazar.
		9	AGAR.—11 m. Country undulating and hilly. Road as above, cross a few nalas. A large walled town on a narrow slip
		102 m. 3 f.	

AUTHORITIES		No. of stage and total distance.	Route No. 16.
Civil.	Military.		
RESIDENT AT GWALIOR.  GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.			<p>of high ground between a large lake on S. and a deep ravine on N.</p> <p>By Route 31 to Neemuch ( 8 marches) and Sarangpur on (Route 8) (3 marches).</p> <p><i>Camping Ground.</i>—Near cantonment, N. of town.</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>—</p> <p style="text-align: right;">} Abundant.</p>
		10	
		120 m. 3 f.	<p>SUSNER.—18 m. Country as above, and b. covered with thick jungle. At 5 m. ascent of Goraghatta; at 7 m. a steep and difficult ascent; at 7 m. 6 f. a chowki; at 10 m. 2 f. Bara on top of hill. A large village.</p> <p><i>Camping Ground.</i>—On W. of road and S.-E. of village, or E. of road near bungalow.</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>—</p> <p style="text-align: right;">} Abundant.</p>
		11	<p>SOHLT.—19 m. Country open and cultivated. Road metalled, at 3 m. 6 f. Kherana; at 7 m. 7 f. Kitheri; at 8 m. 7 f. Magra; at 10 m. 2 f. cross Kantiaria nala; at 13 m. 3 f. Deoria; at 13 m. 1 f. Kantiara. A large village.</p> <p><i>Camping Ground.</i>—On W. of road and S.-W. of village.</p> <p><i>Water.</i>—From 4 pakka wells and Kantiaria nala.</p> <p><i>Supplies.</i>—On notice.</p>
		139 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 16.	
Civil.	Military.			
POLITICAL AGENT IN KOTAH AND JHALAWAR, AT KOTAH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	12	RAIPUR.—13 m.	Country open. Road metalled at first, then cart-track. At 4 m. 3 f. pass Salakheri; at 5 m. 4 f. Dongargaon; at 7 m. Guraria; metalling ceases, and road becomes village cart-track almost impassable in rains. Chowli river here crossed, water 2½ ft. deep in cold weather. South bank 20 ft. well cut up; N. bank gradual slope and stony. At 7 m. 6 f. Chanti; at 11 m. 4 f. Samas. A moderate-sized village.
		152 m. 3 f.	<p><i>Camping Ground.</i>—On both sides of road S. of village.</p> <p><i>Water.</i>—From wells, tanks and <i>nala</i>, ½ m. N.</p> <p><i>Supplies.</i>—On notice.</p>	
		13	JHALRAPATAN.—13 m.	Country open and cultivated. Thin jungle in parts.
		165 m. 3 f.	<p>Roads unmetalled for 3 m., then a metalled road in bad repair (June 1911). At 1 m. 6 f. Rawal; at 3 m. Dawai; at 5 m. Borda; at 6 m. Neori; at 9 m. 5 f. Chandlo.</p> <p>A walled town.</p> <p>Here Route No. 34 passes from Neemuch (8 marches) to Goona (8 marches) and No. 37 from Bhopal (12 marches) and Betul Badnur (21 marches) ends.</p> <p><i>Camping Ground.</i>—To E. and W.</p> <p><i>Water.</i>— } Abundant.</p> <p><i>Supplies.</i>— } No cow-killing allowed. Great Hindu and Jain centre.</p>	

## Route No. 17.

FROM SARANGPUR TO NEEMUCH.

This route connects main routes VIII and III.

Length 135 m.

11 Marches.

Authority and date (month and year).—

*Epitome.*—General direction N.-W. Road metalled as far as Agar then a good cart-track to Sitamau; and metalled again from Sitamau to Neemuch. Between Agar and Sitamau the Kalisindh and Chambal are serious obstacles; both are fordable from December to the rains but the banks of the latter are steep.

Water and supplies abundant throughout.

AUTHORITIES.		No. of stage and total distance.	Route No. 17.
Civil.	Military.		
POLITICAL AGENT IN MALWA, AT NEEMUCH.	G. O. C., C. P. DISTRICT.	..	SARANGPUR.— <i>See</i> Route VIII, stage 14 <i>b., p. o., t. s.</i>
		1	BARODIA.—9 m. Metalled road. At $\frac{1}{2}$ m. <i>p.o.</i> cross Kali Sind river by causeway 280 yds.
		9 m.	long, under water in rains; at 3 f. d. b.; at 5 m. Palkomaria; at $5\frac{1}{2}$ m. Gadrokhera; at $6\frac{3}{4}$ m. Jaswara. <i>Camping Ground.</i> —300 yds. N. of village, for 1 brigade. <i>Water.</i> —3 wells, one within 100 yds. of C. G. <i>Supplies.</i> —Cattle for 1 brigade, and fodder for one regiment for 1 day.
		3	KANAR.—12 m. Metalled road. Open level country. At $2\frac{1}{2}$ m. Baratkheri; at 4 m. Datroda; at $8\frac{1}{4}$ m. Choma <i>d. b.</i> , at $8\frac{1}{4}$ m. Nak-
		21 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 17.
Civil.	Mili- tary.		
POLITICAL AGENT, MALWA, AT NEEMUCH.  GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.			<p>hundar river 125 yds. broad, causeway, under water in rains; at 9 m. Samgi <math>\frac{1}{2}</math> m. N. <i>Camping Ground</i>.—600 yds. S.-E. for one regiment; level.</p> <p><i>Water</i>.—4 good wells near C. G.</p> <p><i>Supplies</i>.—Atta and grain for cavalry regt. for 2 days; fodder and fuel available.</p>
		3	<p>AGAR.—11 m. Metalled road.</p> <p>b., p. o., t. s.</p>
		32 m.	<p>A large walled town on a narrow strip of high ground between a large lake on S. and a deep ravine on N.</p> <p><i>Camping Ground</i>.—Near cantonment, N. of town.</p> <p><i>Water</i>.— } Abundant.</p> <p><i>Supplies</i>.— } Route 30 from Mhow (9 marches) to Kotah (7 marches) crosses here.</p>
		4	<p>BAROD.—14 m. A good cart-track. At 2 m. pass Malakheri and cross a nala; at 3 m.</p>
		46 m.	<p>Jota. Between 5 m. and 6 m. descend a ghat. At 6 m. 4 f. Jamli; at 7 m. 5 f. Guraria; at 10 m. 2 f. Sangakheri.</p> <p>A walled town with fort.</p> <p><i>Camping Ground</i>.—300 yds. E. or W. of village.</p> <p><i>Water</i>.— } Abundant.</p> <p><i>Supplies</i>.— }</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 17.
Civil.	Mili- tary.		
P. A. AT JHALAWAR AND KOTAH.	POLITICAL AGENT IN MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	
		5	GANGADHAR.—15 m. Road as above
		61 m.	<p><i>p.o.</i> Thin scattered jungle. At 3 m. 5 f. cross a small hill; at 5 m. 6 f. Dharakpur, on top of hills; at 6 m. 2 f. Bapira; at 9 m. Bara; at 9 m. 5 f. Anupura; at 11 m. 7 f. Sonari. A small town and fort on right bank of Kalisindh river.</p> <p><i>Camping Ground.</i>—E. or W.</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>— } Abundant.</p>
		6	KUNDLA.—8 m. 3 f. Road as above. Cross
		69 m. 3 f.	<p>river on starting, fordable in December. At 3 m. 5 f. Kolni; at 4 m. 6 f. Rampakhera; at 5 m. 6 f. Armiakhela, after which country is open and cultivated; at 7 m. Napania. A large village.</p> <p><i>Water.</i>—From wells.</p> <p><i>Supplies.</i>—Several shops.</p>
		7	SITAMAU.—11 m. Road as above. At 2 m.
		80 m. 3 f.	<p>7 f. cross Chambal river with great difficulty, banks very steep, fordable in December. At 5 m. Gopalpura; at 7 m. 2 f. Dabli; at 8 m. 2 f. Mowkhera. A small town. The residence of a Raja.</p> <p><i>Camping Ground.</i>—600 yds. to N.</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>— } Abundant.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 17.	
Civil.	Mili- tary			
P. A. IN MALWA AT NEEMUCH.	RESIDENT AT GWALIOR.  G. O. C., C. P. DISTRICT.	8	MANDESOR.—18 m. Metalled road, pass <i>b., p.o., l.s., r.s.</i> Antri and Chirmolia. Cross Tumbar river, pass Wansakhera ( <i>b.</i> ). See Main Route III, stage 36.	
		98 m. 3 f.		
		9		
		108 m. 6 f.		
		10		
		123 m. 1 f.		
		11	NEEMUCH.—11 m. 7 f.	By main Route No. III,
		135 m.		



## Route No. 18.

FROM NEEMUCH TO JHALRAPATAN.

Distance 88 m. 2 f.

8 Marches.

Authority and date (month and year).—

*Epitome.*—General direction E. Road metalled and good as far as Banpura, after which it is a good made, but unmetalled road to Barod, then for one stage a level cart-track after which it joins the metalled road from Kotah to Goona. Suitable for all arms throughout. Nalas fordable except in flood. Water plentiful throughout; notice for supplies should be given.

Routes III and 26 pass through Neemuch.

AUTHORITIES.		No. of stage and total distance.	Route No. 18.
Civil.	Military.		
POLITICAL AGENT, MALWA, AT NEEMUCH.	G. O. C., CENTRAL PROVINCES DISTRICT.	1	SAWAN.—13 m. Road metalled and good. Pass Godora at 5 m. 2 f.; Reohi at 6 m. 6 f.; Borkheri at 9 m. 4 f.; Jawasa at 10 m. 4 f. Country undulating and partly cultivated. Cross 9 nalas in this stage. A small village. <i>Camping Ground.</i> —E. and near village. <i>Water.</i> — <i>Supplies.</i> —
		13 m.	} Abundant.
		2	
		26 m. 6 f.	KUKRESAR.—13 m. 6 f. At 5 m. 2 f. pass Manasia; at 7 m. Pathparra; at 9 m. 6 f. Dhanderi; at 11 m. Pipilia. Cross 11 nalas in this stage. Country as before. Road as above. A moderate-sized village. <i>Camping Ground.</i> —About 300 yds. E.

AUTHORITIES.		No. of stage and total distance.	Route No. 18.
Civil.	Mili- tary.		
POLITICAL AGENT, MALWA AT NEEMUCH.	G. O. C., CENTRAL PROVINCES DISTRICT.		<p><i>Water</i>.—Good, but scarce and indifferent in hot season.  <i>Supplies</i>.—Plentiful.</p>
		3	<p>RAMPURA (E. GATE).—12 m. 2 f. At 1 m. p.o. 6 f. pass Phulpura ; at 4 m. Kundala, hill to left at same distance. The road leads through Rampura fo the last 1¼ m. Country as before. Road as above. A large doubled-walled town at the foot of a ridge of hills.  <i>Camping Ground</i>.—On the E. and W. sides near trees and wells.  <i>Water</i>.—From wells and stream.  <i>Supplies</i>.—Plentiful.</p>
		39 m.	
		4	<p>TEHLA.—10 m. 6 f. At 2 m. 6 f. Semri ; at 4 m. 4 f. Gujarth and cross the Chambal river by a very good ford after the 1st November and during the rains by a ferry boat, capable of carrying 400 maunds weight. The banks are steep, and the bed of rock and loose stones. At 6 m. 2 f. (Chota) Bamuria ; at 7 6 f. (Bara) Mamuria. Cross Ansar river and 4 nalas in this stage. Road as above. A small village about 1 m. from right bank of Chambal river.  <i>Camping Ground</i>.—Near village.  <i>Water</i>.—Plentiful, good water, from wells near C. G.  <i>Supplies</i>.—Must be collected.</p>
		49 m. 6 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 18.
Civil.	Military.		
POLITICAL AGENT IN KOTAH AND JHALAWAR, AT KOTAH.	RESIDENT AT INDORE.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	
		5	<p>BHANPURA.—10 m. 4 f. Country waste, b. open land for 4 m. then cultivated. Road as above. Pass Dabla at 4 f.; Kaunla at <math>4\frac{1}{2}</math> m.; Sandarpur at 8 m. Cross several nalas <i>en route</i>. A large walled town. <i>Camping Ground</i>.—200 × 80 yds. E. of, and near town. <i>Water</i>.—Plentiful, good from 4 wells and a nala near C. G. <i>Supplies</i>.—Abundant.</p>
		60 m. 2 f.	
		6	
		70 m.	<p>OSARA.— m. 6 f. Country mostly cultivated. Road unmetalled, but good, 20 ft. wide.</p> <p>A village. <i>Camping Ground</i>.—100 × 180 yds. S. of and near village. <i>Water</i>.—Plentiful, good, 3 wells near C. G. <i>Supplies</i>.—Must be collected.</p>
		7	<p>BHILWARA.—9 m. 4 f. Country and road as above. Cross the Nagda-Muttra Railway near Shri Chattrapur station. At 4 m. Kalakheri; at <math>6\frac{1}{2}</math> m. Pipia. At end of stage cross Ahu river by causeway, impassable in the rains. A village on both banks of the Ahu river. <i>Camping Ground</i>.—386 × 232 yds. about <math>\frac{1}{4}</math> m. from river. <i>Water</i>.—Five wells near camping ground; for animals from river. <i>Supplies</i>.—On notice.</p>
		79 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 18.
Civil.	Mili- tary.		
P. A. IN KOTAH AND JHALAWAR, AT KOTAH.	C. C., 20TH I. I. BDE., JHANSI.	8	<p>JHALRAPATAN.—8 m. 6 f. Country as p. o., t. s. above. Good made metalled road 10 ft. wide. At 4 m. Singania; at 5½ m. Ralaita. A large walled town, capital of Jhalawar State, commanded by a hill fort. Also a big Hindu and Jain centre. <i>Camping Ground.</i>—½ m. from road. <i>Water.</i>—Plentiful, good, from wells near C. G. <i>Supplies.</i>—Abundant. By route 30 from Agra (4 marches) and Mhow (13 marches). By route 37 Bhopal (12 marches). By route 77 Saugor (16 marches).</p>
		88 m. 2 f.	

## Route No. 19.

FROM SHAHABAD TO SIPRI.

Length 37 m.

3 Marches.

*Authority and date (month and year).*—Corrections by Colonel Commandant, 20th Indian Infantry Brigade, Jhansi, September 1922.

*Epitome.*—General direction E. Road mere cart-track, usually tolerable, but stony and difficult, in parts good. Water procurable but at some stages indifferent. Supplies usually procurable on notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 19.
Civil.	Military.		
RESIDENT AT GWALIOR.	COL. COMMDT, 20TH I. I. BDE., JHANSI.	..	<p>SHAHABAD.—14 m. Country undulating with scrub jungle and little cultivation.</p> <p>Road good. A large town with Tahsil.</p> <p><i>Camping Ground.</i>—<math>\frac{1}{4}</math> m. E. of town.</p> <p><i>Water.</i>—Abundant, good from 2 wells on E. of C. G.</p> <p><i>Supplies.</i>—Plentiful.</p>
		1	<p>SANDRI.—14 m. Country hilly and stony with thick jungle.</p> <p>Road as above to Deori at 7 m., then difficult stony track. Cross the Kuan (fordable except after heavy rain) soon after starting. A small jungle village.</p> <p><i>Camping Ground.</i>—150,000 sq. yds. <math>\frac{1}{2}</math> m. S.-W. of village.</p> <p><i>Water.</i>—Indifferent and limited from 2 wells and nala near C. G.</p> <p><i>Supplies.</i>—Nil.</p>
		14 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 19.
Civil.	Military.		
RESIDENT AT GWALIOR.	COLONEL COMDT., 20TH I. I. Bde., JHANSI.	2	RAJGARH.—11 m. Country and road as p. o. above. Pass Kajuri at 4 m. and Ganjari at 7½ m. A large village. Camping Ground.—¼ m. E. of village. Water.—Plentiful, good, from a well on, and one near, C. G. Supplies.—Procurable.
		25 m.	
		3	
		37 m.	
			SIPRI.—12 m. Country open, undulating and b., p. o., t. s. cultivated. Road a good cart-track. Pass Pipasawa at 5 m. By Route No. VIII to Jhansi (6 marches). By Route No. IX to Gwalior (6 marches).

## Route No. 20.

FROM MHOW TO SAUGOR.

Length 233 m. 3 f.

21 Marches.

*Authority and date (month and year).*—Colonel Commandant;  
20th Indian Infantry Brigade, Jhansi, 1922.

*Epitome.*—General direction N.-E. Road metalled and good as far as Bhopal. Rivers fordable except in flood, and crossed by stone causeways. From Bhopal to Bhilsa the road is unmetalled but fair, with the worst *nalas* bridged, passable for all arms in fair weather. From Bhilsa to Khari a good made road unmetalled. Thence a fair-weather road, unbridged to Rahatgarh, after which it is raised and bridged; last 7 m. metalled. Suitable for motors as far as Bhopal. Thence passable as far as Khari, after which impracticable.

AUTHORITIES.		No. of stage and total distance.	Route No. 20.	
Civil.	Military.			
RESIDENT AT INDORE.	G. O. C., C. P. DISTRICT.	1	INDORE.—13 m. 6 f.— <i>b., p. o., t. s., r. s.</i>	} See Main Route No. VIII. Fairly good metalled road throughout.
		13 m. 6 f.		
		2	DAKACHIA.—12 m. 7 f.	
		26 m. 5 f.		
P. A., BHOPAL AT SEHORE.	G. O. C., C. P. DISTRICT.	3	DEWAS.—10 m. 1 f. <i>b., p. o., t. s.</i>	
		26 m. 5 f.		
		4	BHAURASA.—9 m. 3 f. At 2 m. pass Jetpura, about 5 f. to left; at 4 m. 6 f. Khetama. Country partly cultivated and partly jungle. A large village about 1 m. N. of road. <i>Camping Ground.</i> —On right of road.	
		46 m. 1 f.		

AUTHORITIES.		No. of stage and total distance.	Route No. 20.
Civil.	Military.		
RESIDENT AT GWALIOR.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			<p><i>Water</i>.—From several wells. <i>Supplies</i>.—Abundant.</p>
		5	<p>SONKACH.—9 m. 7 f. At 4 m. pass dak bungalow on left of road; at 4 m. 4 f. Urnia and cross Londri river, paved, fordable: at 5 m. 6 f. Phaora; at 9 m. Samer; at 9 m. 3 f. cross Kali Sindh river, 84 yds. wide, fordable except in rains. Country open and cultivated. Road metalled.</p> <p>A small town near Kali Sindh river. <i>Camping Ground</i>.—150 × 150 yds. S. of road about <math>\frac{1}{2}</math> m. from river. <i>Water</i>.—For 1 battalion from river and a few wells. <i>Supplies</i>.—Nil.</p>
		56 m.	
		6	
		65 m.	<p>METWARA.—9 m. Pass Daulatpur (bungalow) at <math>4\frac{1}{2}</math> m. A very small village.</p> <p><i>Camping Ground</i>.—300 yds. E. of village. <i>Water</i>.—Good, but limited from 2 wells in vicinity of C. G. <i>Supplies</i>.—Nil.</p>
		7	<p>ASHTA. 16 m. 6 f. Country open and cultivated except from 4th to 10th m., which is hilly and jungly. Cross a stream at 6 m. 6 f. by ford over a stone causeway, passable except after heavy rains, and Parbati river at end of stage by similar causeway.</p> <p>A fair-sized town on right bank of the Parbati. Country undulating, open and cultivated. Road as above.</p>
		81 m. 6 f.	



AUTHORITIES.		No. of stage and total distance.	Route No. 20.
Civil.	Mili- tary.		
POLITICAL AGENT IN BHOPAL, SEHORE.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			<p><i>Camping Ground.</i>—Small site E. of town and S. of road.</p> <p><i>Water.</i>—For 1 battalion from 2 wells, one in dak bungalow compound and the other 200 yds. W. of C. G.</p> <p><i>Supplies.</i>—Abundant.</p>
		8	<p>AMLAI.—13 m. 2 f. Country undulating, open and cultivated. Road as above.</p>
		95 m.	<p>A small village.</p> <p><i>Camping Ground.</i>—270 × 140 yds. E. of road near dak bungalow.</p> <p><i>Water.</i>—For 1 battalion from 2 wells, 1 in village, and other 300 yds. W. of C. G.</p> <p><i>Supplies.</i>—Nil.</p>
		9	<p>SEHORE.—12 m. Country undulating, open b., t. s., r. s., p. o. and cultivated, a little hilly in 7th and 8th m. Road as above, except over the Ajnas nala, crossed at 4 m. by a raised stone causeway.</p> <p>A town and small cantonment.</p> <p><i>Camping Ground.</i>—N. of Ashta road and about 150 yds. W. of Lotia nala.</p> <p><i>Water.</i>—Good, for 1 battalion, from well 100 yads. S.-E. of C. G., for animals from nala.</p> <p><i>Supplies.</i>—Plentiful.</p>
		107 m.	
		10	<p>KAJURI.—12 m. Country flat, open and cultivated. Road as in last stage. Pass Panda at 10 m.</p>
		119 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 20.
Civil.	Military.		
POLITICAL AGENT IN BHOPAL, SEHORE.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			<p>A small village.  <i>Camping Ground.</i>—150 × 150 yds. N.-W. of bungalow.  <i>Water.</i>—Good, from well in bungalow compound.  <i>Supplies.</i>—Nil.</p>
		11	<p>BHOPAL.—11 m. Country open and cultivated, but hilly for last 3 m. Road as above. At 9 m. descend Naiapur Ghat.  A large city, capital of State.  <i>Camping Ground.</i>—520 × 370 yds. (adjoins road).  <i>Water.</i>—Good and plentiful from wells on C. G.; for animals from lake 600 yds. from C. G.  <i>Supplies.</i>—Abundant.  Route 37 crosses and Route 76 starts here.</p>
		130 m.	
		12	<p>DIWANGANJ.—14 m. 2 f. Country open and cultivated; road unmetalled but fair; the worst <i>nalas</i> are bridged.  A small village.  <i>Camping Ground.</i>—310 × 200 yds. S. of road.  <i>Water.</i>—Plentiful and good from well 150 yds. N. and from tank 200 yds. W. of C. G.  <i>Supplies.</i>—Limited.</p>
		144 m. 2 f.	
		13	<p>SALAMATPUR OR GULGAON.—9. m. r. s. (2 m.). Country as above.  Road 15 ft. wide.  neither metalled nor bridged, passable for all arms in dry weather, but difficult in rains.</p>
		153 m. 2 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 20.
Civil.	Military.		
P. A. IN BHOPAL AT SEHORE.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<p>Cross and re-cross railway line, and cross the Gorapachar at 5 m., fordable in dry weather. A small village.</p> <p><i>Camping Ground.</i>—300 × 240 yds. bad, N.-W. of village and W. of Gulgaon Jhil.</p> <p><i>Water.</i>—From a well S.-E. of C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		14	<p>BHILSA.—9 m. 6 f. Road good and passable for all arms, metalled road for last 4½ m.</p> <p>A large walled town with a fort.</p> <p><i>Camping Ground.</i>—Small site near railway station about 1 m. from the Betwa river.</p> <p><i>Water.</i>—Plentiful from 2 wells on C. G.; for animals from tank 400 yds. N.-W.</p> <p><i>Supplies.</i>—Abundant.</p>
		163 m.	
RESIDENT AT GWALIOR.		15	<p>KHARI.—10 m. 6 f. Country as above. Road made but not metalled. Cross Neon twice, fordable except in floods.</p> <p>A village.</p> <p><i>Camping Ground.</i>—Small site 100 yds. from village.</p> <p><i>Water.</i>—From Seo nadi, requires boiling; water in village well bad.</p> <p><i>Supplies.</i>—Scrace.</p>
		173 m. 6 f.	
		16	<p>GARISPUR.—12 m. 6 f. Country open and cultivated. Road fair in fine weather, impassable in rains. Pass Nairpur at 2 m. 2 f.</p>
		186 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 20.
Civil.	Military.		
RESIDENT AT GWALIOR.	COL. COMDT. 20TH I. I. BDE., JHANSI.	17	and cross Kenton, fordable except during rains. A moderate-sized village. <i>Camping Ground.</i> —147,500 sq. yds. in a large garden close to village and road. <i>Water.</i> —Good, for 1 battalion, from well near C. G. <i>Supplies.</i> —Scarce.
		195 m.	BAGROD.—8 m. 4 f. Country jungly. Road as above. A village. <i>Camping Ground.</i> —30,500 sq. yds. near village on N. side of road. <i>Water.</i> —Plentiful, good, from 2 wells, one 200 yds. S.-W. of and other just N. of C. G. <i>Supplies.</i> —Limited.
DEPUTY COMMISSIONER OF SAUGOR.	COL. COMDT. 21ST I. I. BDE., JUBBULPORE.	18	RAHATGARH.—12 m. 1 f. Country hilly p. o., b. and rocky. Road a mere cart-track, about 9 ft. wide, unbridged, except over the Bina and impossible for wheeled traffic after heavy rains. Cross the Babrai at 3 m. 5 f. (fordable except after heavy rain). Mirzapur police outposts) at 6 m. 1 f. and the Bina (bridged) at end of stage.
		207 m. 1 f.	A town. <i>Camping Ground.</i> —160,000 sq. yds. N. of road and $\frac{1}{2}$ m. from Bina river. <i>Water.</i> —From well 400 yds. S.-E. of C. G.; for animals from Bina river. <i>Supplies.</i> —Plentiful.

AUTHORITIES.		No. of stage and total distance.	Route No. 20.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF SAUGOR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	19	BAIRKAIRI.—7 m. 6 f. Country as above, then open and culti- vated. Road 15 ft. wide, raised, but unmetalled, bridged and suitable for all arms. Rough and stony for first 4 m. Difficult in rains. A very small village. <i>Camping Ground</i> .—90,000 sq. yds. N. of road, 1½ E. of village. <i>Water</i> .—Fair, for a battalion, from a well near, and (for animals) from a <i>nala</i> ¼ m. W. of C. G. <i>Supplies</i> .—Nil.
		214 m. 7 f.	
		20	BHAPEL.—8 m. Country hilly with much cultivation. Road as above. Pass Mohera at 6 m. Cross Dhassan river (100 yds. wide) at 6 m. 2 f.; Sehora at 7 m. A village. <i>Camping Ground</i> .—94,380 sq. yds., on both sides of road. <i>Water</i> .—From a well to N. of road, and (for animals) from stream N.-W. of C. G. <i>Supplies</i> .—Abundant.
		222 m. 7 f.	
		21	SAUGOR.—10 m. 4 f. Country as above. b., p. o., t. s., r. s. Road bridged and in fair order, metalled for last 7 m. from Ratna. Cross Kharam nadi on starting by stone bridge. See Route No. 11. By Route 38 to Jhansi (13 marches). By Route 40 to Nowgong (11 marches). By Routes 11 and 6 to Jubbulpore (10 marches.)
		233 m. 3 f.	

## Route No. 21.

FROM BETUL BADNUR TO JHALRAPATAN.

Length 247 m. 6 f.

21 Marches.

*Authority and date (month and year).—*

*Epitome.*—General direction N. N. W. A good road metalled and in parts bridged, as far as Kilichpur, with the exception of the part between Hoshungabad and Bhopal, which is a mere cart-track. Beyond Kilichpur a cart-track, fair in parts, but rough and stony in places, the stage between Bhojpur and Bhalta being unsuitable for guns. With this exception the road is suitable for all arms. The only serious obstacle is the Narbada River, which is crossed by ferry, Motors should entrain from Hoshungabad to Hirania, and could not go beyond Kilichpur. Water scarce in many places, especially in hot weather. Notice should be given for supplies.

AUTHORITIES.		No. of stage and total distance.	Route No. 21.
Civil.	Military.		
DEPUTY COMMISSIONER AT BETUL.	COL. COMDT. 21ST I. I. BDE., JUBBULPORE.		BETUL BADNUR.—From Kampti in 10 b. o., r. s. marches, 100 m. Route 12 from Ellichpur ends here.
		1	NIMPANI.—13 m. 5 f. Frist class road b., p. o. metalled and bridged. Cross Machna river and many nalas bridged, and Badnur road branches off E. to Chindwara. A good-sized village.
		13 m. 5 f.	<i>Camping Ground.</i> —Kept clear. <i>Water.</i> —From wells and nalas. <i>Supplies.</i> —Plentiful.

AUTHORITIES.		No. of stage and total distance.	Route No. 21.
Civil.	Military.		
D. C. AT HOSHUNGABAD.	DEPUTY COMMISSIONER OF SAUGOR.	2	DHAR.—22 m. 2 f. Road as above. Soil p. o. stony, cross Machna river again, and many nalas bridged.
		35 m. 7 f.	A small village. <i>Camping Ground.</i> — <i>Water.</i> —From wells, insufficient in summer. <i>Supplies.</i> —On notice.
		3	KAISLA.—7 m. f. Road as above. Soil p. o. sandy, dense jungle all the way. Cross several nalas bridged.
		43 m. 6 f.	A good-sized village. <i>Camping Ground.</i> — <i>Water.</i> —From wells (1 pukka well with ample water) scarce in hot season. <i>Supplies.</i> —On notice.
		4	PATROTA.—8 m. 4 f. Road metalled and bridged. Cross few nalas with metalled causeway.
D. C. AT HOSHUNGABAD.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	52 m. 2 f.	A small village. <i>Camping Ground.</i> — <i>Water.</i> —Ample from wells. <i>Supplies.</i> —On notice.
		5	HOSHUNGABAD.—13 m. 2 f. Road as above.
		65 m. 4 f.	b., p. o., t. s., r. s. Soil black. Cross numerous nalas, bridged throughout. At 3 m. Itarsi junction. A large town and civil station on left bank of Narbada.

AUTHORITIES.		No. of stage and total distance.	Route No. 21.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER AT HOSHUNGABAD.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p>Here cross route No. XII.</p> <p>From Jubkulpur .. .. (17 marches).</p> <p>From Mhow .. .. (15 " )</p> <p>From Ahmedabad .. .. (35 " ).</p> <p><i>Camping Ground.</i>—600 × 400 yds. <math>\frac{1}{2}</math> m. N. W. of town.</p> <p><i>Water.</i>—Ample, from wells and Narbada River.</p> <p><i>Supplies.</i>—Ample.</p>
		6	CHOKA.—9 m. Country hilly and wooded. Road a mere country track only 9 ft. wide.
		74 m. 4 f.	For last 3 m. difficult for wheeled traffic, but passable. Cross the Narbada by ferry on starting, 600 yds. wide and unfordable; 4 boats each carrying 30 men.
			<p><i>Camping Ground.</i>—E. of and close to road.</p> <p><i>Water.</i>—Good but limited, from well 400 yds. N. of C. G.</p> <p><i>Supplies.</i>—Nil.</p>
		7	BISANKHERA.—12 m. Road as before to Hiranja, whence
		86 m. 4 f.	metalled road is being constructed (1922) to Bhopal. From Hiranja a metalled road goes to Kalia Kheri (6 m. N. E.). Nalas only unfordable after very heavy rain. Cross stream at end of stage by strong stone bridge.
			<p>A small village.</p> <p><i>Camping Ground.</i>—230 × 220 yds. 300 yds. W. of village.</p>



AUTHORITIES.		No. of stage and total distance.	Route No. 21.
Civil.	Military.		
POLITICAL AGENT IN BHOPAL AT SEHORE.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<p><i>Water.</i>—Good, for 2 battalions, from 2 wells 1 on, and 1 near, C. G.  <i>Supplies.</i>—Nil.</p>
		8 98 m.	<p>MISROD.—11 m. 4 f. Road hilly in parts,  <i>r. s.</i> generally open. Metalled road under  construction (1922). Streams strongly  bridged.  A small village.  <i>Camping Ground.</i>—150 × 100 yds. S. E. of <i>r. s.</i>  <i>Water.</i>—Good, for 2 battalions, from 2 wells,  1 on, and other near, C. G.  <i>Supplies.</i>—Very limited.</p>
		9 105 m.	<p>BHOPAL.—7 m. Country and roads as above  A large city.  Here passes route  No. 36.  From Mhow (11 marches).  From Saugor (10 marches).  <i>Camping Ground.</i>—250 × 370 yds.  <i>Water.</i>—  <i>Supplies.</i>— } Plentiful.</p>
		10 119 m. 4 f.	<p>JHARKHERA.—14 m. 4 f. Metalled road,  <i>b.</i> open and cultivated  country.  <i>Camping Ground.</i>—No fixed ground Bungalow.  W. of road.  <i>Water.</i>—Procurable.  <i>Supplies.</i>—Procurable on notice.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 21.
Civil.	Military.		
POLITICAL AGENT IN BHOPAL AT SEHORE.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	11	SHAMPUR.—9 m. 4 f. Road as above. Pass Duraha at 4 m. (3 wells on C. G.)
		129 m.	Imlia at 5½ m. Camping Ground.—No fixed ground. Water.— } Supplies.— } Procurable.
		12	JAMONIA.—13 m. 3 f. Road as above. At b. 4 m. 4 f. Hingona (b.) and cross Parbati river.
		142 m. 3 f.	Camping Ground.—No fixed ground. Water.— } Supplies.— } Procurable.
		13	NARSINGARH.—11 m. 2 f. Road as above. b., p. o., r. s. A large town at western foot of a fortified hill.
		153 m. 5 f.	Camping Ground.—430 × 260 yds. close to town, well shaded ground, stony, soil mur-mur and badly drained, and becomes a quag-mire in the rains. Water.—Good from 3 wells. For animals, from tank, all on C. G. Supplies.—Abundant.
		14	BIAORA.—21 m. Country jungly with partial cultivation and hilly in parts. Road as above. Nalas generally fordable. Pass Bapcha (b.).
		174 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 21.
Civil.	Military.		
POLITICAL AGENT IN BHOPAL AT SEHORE.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<p>Dispensary in village. Here cross main Route No. 8 Bombay-Agra road.</p> <p style="text-align: right;">Marches.</p> <p>From Mhow .. .. 11 To Goona .. .. 5 To Jhansi <i>via</i> Goona and Route No. 74 .. .. 14 To Gwalior <i>via</i> Sippi and Route No. 9 .. .. 16 <i>Camping Ground</i>.—500 × 250 yds. <i>Water</i>.— <i>Supplies</i>.—Large amount. Small amount of transport available.</p>
		15	<p>RAJGARH.—15 m. Metalled road. b. Cross Ajnar river once, Newaj at end of stage. Country hilly. A town on left bank of Nairakhar river. <i>Camping Ground</i>.—No fixed ground. <i>Water</i>.—From wells and river. <i>Supplies</i>.—Plentiful.</p>
		189 m. 5 f.	
		16	<p>KHILICHPUR.—10 m. Road as above. b., p. o. Country hilly and jungly with patches of cultivation. Cross rocky bed of Ghar just before reaching camp. 50 yds. wide, dry in hot weather and fordable in rains. A town on the banks of the Ghar. <i>Camping Ground</i>.—On both sides of road just before entering town ; little shade.</p>
		199 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 21.
Civil.	Military.		
P. A. IN KOTAH AND JHALAWAR, AT KOTAH.	POLITICAL AGENT IN BHOPAL AT SEHORE.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	17	<p><i>Water</i>.—Sufficient from wells of which one is pucea; that in river, bad. <i>Supplies</i>.—Procurable.</p> <p>BHOJPUR.—9 m. 1 f. Road a cart-track, fair but stony, rough and steep in places.</p> <p>Nalas easy. Pass Daulaj at 4 m. and Dabli at 7 m. A village. <i>Camping Ground</i>.—200×80 yds. W. of village little shade. <i>Water</i>.—From three wells scarce in hot weather. <i>Supplies</i>.—On notice.</p>
		208 m. 6 f.	
		18	<p>BHALTA.—10 m. 4 f. Road at first a fair cart track then bad, rough and stony unsuitable for guns. Pass Amlanda at 8 m. and cross the Chapi (fordable except after very heavy rains). A village. <i>Camping Ground</i>.—Left of road just before entering village. <i>Water</i>.—Plentiful, good, from wells. <i>Supplies</i>.—On notice.</p>
		219 m. 2 f.	
P. A. IN KOTAH AND JHALAWAR, AT KOTAH.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	19	<p>RATLAI.—12 m. 4 f. Country hilly in parts p. o. and mostly jungle. Road a country track at first rough and bad, but second half good. Nalas as above. Pass Banlikhera at 4 m. A large village.</p>
		231 m. 6 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 21.
Civil.	Mili- tary.		
P. A. AT KOTAH AND JHALAWAR AT KOTAH.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			<p><i>Camping Ground.</i>—To W. of village.  <i>Water.</i>—Plentiful but indifferent from wells.  <i>Supplies.</i>—On notice.</p>
		20	<p>RICHWAN.—7 m. 6 f. Country hilly to right, open to left.  Road 8 ft. wide, a country track only. Nalas as before.  At 5½ m. Borkhera.  A large village.  <i>Camping Ground.</i>—Near village (small).  <i>Water.</i>—Plentiful, good, from wells.  <i>Supplies.</i>—Procurable.</p>
		239 m. 4 f.	
		21	<p>JHALRAPATAN.—8 m. 2 f. Road 30 ft. p. o. l. s. wide unmetalled but good. Cross Kali sindh at 4 m. by ford over a good stone causeway river always fordable except for a few days after heavy rain.  At 4½ m. Banjara.  <i>Camping Ground.</i>—  <i>Water.</i>—  <i>Supplies.</i>—</p>
		247 m. 6 f.	

} See route No. 30.

By route 30 from Mhow (13 marches) and Agra (4 marches).

By route 34 from Neemuch (8 marches) to Goona (8 marches).

By route 77 to Sironj, and thence by Route 11 to Saugor (16 marches).

## Route No. 22.

FROM KAMPTEE TO GWALIOR.

Length 422 m. 7 f.

42 Marches.

*Authority and date (month and year).*—Corrected October 1921, by 37th Dogras, Jhansi, Gwalior, 17th Infantry.

*Epitome.*—General direction N. A metalled road throughout. Suitable for all arms. From Kampti to Chindwara good and partially bridged; thence to Narsinghpur hilly; from there to Saugor, road only fair. Thence to Lalitpur very good. Between Lalitpur and Jhansi the road is very good, but for motors careful driving is necessary, as there are several sharp bends at villages. There are also several unprotected causeways. Betwa river can be crossed in dry weather by causeway, but a serious obstacle for a car in the rains. From Jhansi to Gwalior the road is very good, the only serious obstacle being the Sindh river crossed by a rough pile bridge in the dry season and by ferry-boat in rains.

Supplies on notice throughout, and water for a battalion.

By Route 6 from Wellington.

By Route 7 from Bombay to Nagpur and then by Route 6.

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Military.		
D. C. NAGPUR.	C. C., 21ST I. I. BDE., JUBBULPORE.	1	PATANSAONGI.—13 m. 1 f. Road metalled and bridged except over Kuliar river and dry <i>nalas</i> . Black soil. A large village. <i>Camping Ground.</i> — <i>Water.</i> —From wells and rivers. <i>Supplies.</i> —Abundant from a few shops.
		13 m. 1 f.	
		2	
		21 m. 1 f.	SAONAIR.—8 m. Road as above, pass several small villages and <i>nalas</i> . A large village with few shops.

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, CHHINDWARA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		Route 29 branches off to Mhow (27 marches ; <i>via</i> Borgaon and Route III) and to Baroda (43 marches). <i>Camping Ground</i> .—800 yds. E. of village near serai. <i>Water</i> .—Several wells also from river. <i>Supplies</i> .—Abundant.
		3	BOREGAON.—12 m. Road metalled and bridged 1st class. A small village.
		33 m. 1 f.	<i>Camping Ground</i> .—Good. <i>Water</i> .—Abundant. <i>Supplies</i> .—On notice.
		4	RAMAKONA.—14 m. Road as above. Cross Jam river (bridged) and Kanhan river (unbridged) and few nalas. A moderate-sized village.
		17 m. 1 f.	<i>Camping Ground</i> .—To S. <i>Water</i> .—Abundant. <i>Supplies</i> .—For a large number of troops on notice.
		5	UMRI NALA.—14 m. Road as above. Cross Umri nala (bridged) fordable in hot and cold season ; also a few dry nalas. No village.
		61 m. 1 f.	<i>Camping Ground</i> .—Good to S. of road. Ground not kept cleared. <i>Water</i> .—From a pakka well close by. <i>Supplies</i> .—From Akalberi.

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Military.		
DEPUTY COMMISSIONER AT CHHINDWARA	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	6	CHHINDWARA.—14 m. Road as above, b., p. o., t.s., r. s. Cross Kulbhera river (bridged) and 7 nalas.
		75 m. 1 f.	A large town. Headquarters of Deputy Commissioner. By route 41 to Pachmari (8 marches). <i>Camping Ground</i> .—Good, locally known as Gulab Rai's Amrai, 1½ m. from station.
		7	SINGORI.—13 m. 4 f. At 7 m. 4 f. pass b., p. o. Chemama; at 8 m. 4 f. Tenduri, and ascend a steep ghat to Bhumka-Ghari, at 12 m. and cross Pench River (bridged). Road as above. Road to Pachmari branches off left at Chhindwara. A large village.
		88 m. 5 f.	<i>Camping Ground</i> .—To S. of village (good). <i>Water</i> .—Good, from pakka well in Public Works Department compound and tanks. <i>Supplies</i> .—Procurable.
		8	AMARWARA.—11 m. Road as above. p. o. Cross several nalas, bridged.
		99 m. 5 f.	A large village. <i>Camping Ground</i> .—To S. of village called Jagatdeo hill. <i>Water</i> .—From well in front of missionary bungalow. <i>Supplies</i> .—Plentiful.
		9	JUNGAWANI.—9 m. Country hilly and jungly. Road as above. At 2 m. pass Jamnia and descend Malodoni, and Duladeo
		108 m. 5 f.	



AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Military.		
DEPUTY COMMISSIONER AT CHHINDWARA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	10	ghats each 5 f. Cross Sakkar at end of stage. A small village. <i>Camping Ground.</i> —Good, to N. of village Ground not kept cleared. <i>Water.</i> —From a spring in Jungawani nala and a well close by. <i>Supplies.</i> —From Amarawara.
		119 m.	BORENA.—10 m. 3 f. Country and road as above. A small village. <i>Camping Ground.</i> —Good to N. of village— ground not cleared. <i>Water.</i> —From Sakkar river and Jungawani nala. <i>Supplies.</i> —From Harrai.
		11	HARRAI.—8 m. Road as above. Country p. o. jungly. A large village.
		127 m.	<i>Camping Ground.</i> —To S. of village. <i>Water.</i> —Plentiful, good, from pakka well on C. G. <i>Supplies.</i> —Plentiful.
D. C. AT NARSINGHPUR.		12	PARTAPUR.—10 m. Country hilly and jungly. Road as above. At 3 m. 4 f.
		137 m.	pass Dudar 2 f. to left; at 6 m. 4 f. Saleya 6 f. to left. A small village. <i>Camping Ground.</i> —No regular ground, but site available. <i>Water.</i> —From tank. <i>Supplies.</i> —Scarce.

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Military.		
DEPUTY COMMISSIONER AT NARSINGHPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	13	JAITPUR.—8 m. 5 f. Road and country as above. At 2 m. 7 f. pass Kamdari; at
		145 m. 5 f.	5 m. 7 f. pass Piparpani. A small village. <i>Camping Ground</i> .—No regular ground. But site available. <i>Water</i> .—From a nala. <i>Supplies</i> .—On notice.
		14	NARSINGHPUR.—9 m. 5 f. On Bombay b., p.o., r.s., t.s. and Calcutta main line. Country open
		155 m. 2 f.	and well cultivated. Road as above. At 1 m. 1 f. pass Bhainsa; at 4 m. 4 f. Lokipur; at 5 m. 1 f. Singhpur. A civil station. H. Q. Deputy Commissioner. <i>Camping Ground</i> .—240×160 yds. open and good, W. of and close to town-hall. <i>Camping Ground</i> .—Partially cultivated, would be cut on application to Deputy Commissioner. <i>Water</i> .—Plentiful from well, and for animals from Singri Nullah $\frac{1}{2}$ m. S. of Camping ground. <i>Supplies</i> .—For 1,000 men without notice. The Route here crosses Route No. XII from Jubbulpore (6 marches) to Mhow (26 marches) and Ahmedabad (46 marches). By Route No. 81 to Lakhnadon. On Route 6 (4 marches).
		15	KARELI.—9 m. 2 f. Country as above.
		164 m. 4 f.	b., p. o., r. s. A fair metalled road. Bridge across Barurewa Nullah is submerged from end of November to

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Military.		
DEPUTY COMMISSIONER AT NARSINGHPUR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p>1st June and difficult for transport owing to stiff and soft sand. At 3 m. 3 f. pass Kothia. A village about <math>\frac{1}{2}</math> m. from railway station. <i>Camping Ground</i>.—110,440 sq. yds. near village. <i>Supplies</i>.—Obtainable with 4 days' notice to Deputy Commissioner, Narsinghpur. <i>Water</i>.—From a few wells. <i>Supplies</i>.—Procurable.</p>
		16	<p>BARMAN.—10 m. Country and road as p. o. above. Cross Dhamni on starting, and at end of stage the Narbada 200 yds. wide, by ford in dry season, by ferry (8 boats, each carry 40 men) in rains. A small village.</p> <p><i>Camping Ground</i>.—50,770 sq. yds. on both sides of road, <math>\frac{1}{2}</math> m. from Narbada river. <i>Water</i>.—Good, for a battalion, from well 20 yds. S. of C. G.; for animals from Narbada river. <i>Supplies</i>.—In small quantities.</p>
		174 m. 4 f.	
		17	<p>SUATALAO.—7 m. Country and road as p. o., t. above. Pass Sagri at 3 m. A small village.</p>
		181 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Military.		
DEPUTY COMMISSIONER AT SAUGOR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Camping Ground.</i>—105,270 sq. yds. to E. of road.</p> <p><i>Water.</i>—Good, for 2 battalions, from wells on C. G.</p> <p><i>Supplies.</i>—For 500 men on 10 days' notice as for Kareli.</p>
		18	<p>MAHARAJPUR.—10 m. 3 f. Country hilly p. o., t. and jungly at first, then open and cultivated. Road as above.</p> <p>A village.</p> <p><i>Camping Ground.</i>—330×330 yds. <math>\frac{1}{4}</math> m. W. of road.</p> <p><i>Water.</i>—Good, for a battalion, from well, trough on C. G.</p> <p><i>Supplies.</i>—Scarce, obtainable on 7 days' notice.</p>
		191 m. 7 f.	
		19	
		200 m.	<p>DEORI.—8 m. 1 f. Country and road as b., p. o. above. Nalas fordable except when in flood. A fair-sized town on right bank of Sukchain nadi.</p> <p><i>Camping Ground.</i>—400×400 yds. E. of road and about 600 yds. from the nadi.</p> <p><i>Water.</i>—Good, for a battalion, from a well with trough, in police station compound about 110 yds. W. of C. G.</p> <p><i>Supplies.</i>—On notice.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Military.		
DEPUTY COMMISSIONER AT SAUGOR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		20	GURJHAMAR.—10 m. 2 f. Country as p. o. above for 2 m. Then hilly and jungly.
		210 m. 2 f.	Road as above. Cross Sukechain soon after starting, and the Sonar (40 yds. wide) at end of stage, both by ford, except for a few hours at flood-time. There are ferries over these streams, 1 boat, each carrying 25 to 40 men respectively. A large village. <i>Camping Ground.</i> —90,000 sq. yds. <i>Water.</i> —Plentiful from well in vicinity of C. G. Other wells, one 100 yds. E. of road opposite C. G. Three $\frac{3}{4}$ m. W. of C. G. under trees.
		21	SURKHI.—11 m. Country at first flat, b., p. o. open and cultivated, afterwards hilly and jungly. Road as above. Thana. Nullahs bridged, but fordable, except for a few hours when in flood; at 2 m. 6 f. pass Pati.
		221 m. 2 f.	A village. <i>Camping Ground.</i> —90,000 sq. yds. 50 yds. N. of bungalow, ground kept clear of brush- wood, soil stony. <i>Water.</i> —Plentiful, good, from 2 wells, and $\frac{1}{4}$ m., respectively, from C. G. <i>Supplies.</i> —Procurable in small quantities.

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Military.		
DEPUTY COMMISSIONER AT SAUGOR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		22	CHITORA.—8 m. Country hilly and jungly. Road as above. A small village.
		229 m. 2 f.	<i>Camping Ground</i> .—90,000 sq. yds., 600 yds. from Bewas River. <i>Water</i> .—Good, but insufficient, from a well with trough 500 yds. E. of C. G. ; for animals from Bewas river. <i>Supplies</i> .—Scanty.
		23	SAUGOR.—10 m. Country as above at first, b., p. o., t. s., r. s. then fairly flat and cultivated. Road
		239 m. 2 f.	metalled, and bridged except over Bewas crossed on starting by a ford over a stone causeway (built yearly) except when in floods; ferry, 2 boats, each carrying 40 men. H. Q.—Deputy Commissioner. Davrie Motor Company with repair Workshop and Petrol Supply. Here crosses Route No. XI from Jubbulpore (10 marches), from Goona (12 marches), from Nasirabad (32 marches). Route No. 36 from Mhow (21 marches).
		24	RANIPUR.—7 m. Very good metalled road, bridged throughout.
		246 m. 2 f.	Country undulating and partly cultivated. At 2 m. pass Kapuria A small village. <i>Camping Ground</i> .—172,200 sq. yds. $\frac{1}{4}$ m. N. of village close to E. of road.

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER AT SAUGOR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Water</i>.—Good, for a battalion, from well provided with pulleys and trough. Water supply in summer scanty on C. G. A nala close by village.</p> <p><i>Supplies</i>.—On notice.</p>
		25	<p>BANDRI.—8 m. 4 f. Country barren. Road as above; at 2 m. cross Dassan river by Irish bridge.</p> <p>A small village.</p> <p><i>Camping Ground</i>.—<math>\frac{1}{2}</math> m. of N. village near road.</p> <p><i>Water</i>.—Good, for a battalion, from a well on and a stream E. of C. G.</p> <p><i>Supplies</i>.—Poor, not procurable under a week's notice.</p> <p><i>Ferry</i>.—Not now available.</p>
		254 m. 6 f.	
		26	
		263 m. 6 f.	<p>RAJWAS.—9 m. Country and road as above. A small village.</p> <p><i>Camping Ground</i>.—272,260 sq. yds. 2 f. N. of village, near road.</p> <p><i>Water</i>.—Good, for a battalion, from Government well with pulleys and trough, dries up in summer, on C. G. A private well <math>\frac{1}{4}</math> m. away has water all the year round.</p> <p><i>Supplies</i>.—Procurable for 50 men at once, for more on notice.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Mili- tary.		
D. C. AT SAUGOR.	C. C., 21ST I. I. BDE. JUBBULPORE.	27	MALTHON.—12 m. Country and road as b., p. o. above; beyond Baro- dea, 3 m. 6 f. wild and hilly. A small town with a fort S. of the Narat ghat.
		275 m. 6 f.	<i>Camping Ground</i> .—272,460, sq. yds. $\frac{3}{4}$ m. E. of road, demarcated. <i>Water</i> .—Abundant from well on C. G., for animals from small lake 700 yds. E. of C. G. <i>Supplies</i> .—Procurable but not plentiful.
COLLECTOR AT LALITPUR.	C. C., 20TH I. I. BDE., JHANSI.	28	GUNA.—6 m. 4 f. Country and road as above b. Ascend hill to Guna, easy gradient.
		282 m. 2 f.	A village on a hill. <i>Camping Ground</i> .—155,000 sq. yds. near road and village. <i>Water</i> .—Good, from well on C. G.; for animals from a tank close to C. G. <i>Supplies</i> .—On notice.
		29	BIRDHA.—9 m. 4 f. Country undulating b., p. o. with partial cultiva- tion. Road as above. Pass Amri at 3 m.
		291 m. 6 f.	A village. <i>Camping Ground</i> .—145,000 sq. yds., 600 yds. E. of village and near road, liable to be flood- ed in rains. <i>Water</i> .—From 2 wells, 1. on C. G. with 2 troughs; the other, with 2 troughs, $\frac{1}{4}$ m. N. of C. G. on E. side of road. <i>Supplies</i> .—Procurable.



AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Military.		
COLLECTOR AT LALITPUR.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		30	LALITPUR.—13 m. Country and road <sup>as</sup> above. Pass Bhen-sai at 4 m. 4 f. and Ghatwar at 6 m. 6 f. and cross Sajat at end of stage.
		304 m. 6 f.	<i>Camping Ground</i> .—90,000 sq. yds. Well on C. G. never dries. A small cantonment and civil station. <i>Camping Ground</i> .—90,000 sq. yds. near town on the Jhansi road. <i>Water</i> .—Plentiful, good, from a well on C. G. and a nala $\frac{1}{2}$ m. from C. G. <i>Supplies</i> .—Abundant. Made but unmetalled road from here to Dhaura. 2 stages 20 m., general direction S.-W. and along railway by Route 75 to Goona, 8 marches. By Routes 75, 78 and 80 to Nowgong, 7 marches. By Route 76 to Bhopal, 12 marches.
		31	BANSI.—11 m. Country level and cultivated. Road as above.
		315 m. 6 f.	Pass Nadanwara at 7 m. A village. <i>Camping Ground</i> .—80,000 sq. yds. close to and W. of road and $\frac{1}{2}$ m. from village, demarcated. <i>Water</i> .—Good, from well on, and for cattle a tank 300 yds. from, C. G.. Well on C. G. dried after March but plentiful supply from wells in village.

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Military.		
COLLECTOR AT LALITPUR.	COLLECTOR AT JHANSI.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	<p><i>Supplies.</i>—Procurable for 200—300 men without notice. Notice required for more.</p>
			<p>32</p> <p>TALBAHAT.—13 m. Country level and chiefly jungle. Road as above. Pass Jamalpur at 5 m., a town with hill fort on bank of a lake.</p> <p>From 1 m. S. of Talbahat a made but unmetalled road to Sarwara, 2 stages (25 m.) to S.-W.</p> <p><i>Camping Ground.</i>—30,000 sq. yds. close to and W. of road and town, demarcated.</p> <p><i>Water.</i>—Good, from a well on, and (for cattle) from a big tank 400 yds. from C. G.</p> <p><i>Supplies.</i>—Plentiful on 4 days' notice.</p>
COLLECTOR AT JHANSI.	COLLECTOR AT JHANSI.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	<p>33</p> <p>BARARA.—8 m. Country and road as above.</p> <p>Cross Betwa by a causeway, except in rains. 2 boats, capacity 2 prs. wheels or 8 horses each, available; no ferry; causeway open at beginning of February approximately. When river is impassable here during rains, cross by Sirius ferry N.-W. Talbahat to Sirius 12 m., Sirius to Babina, 9 m. Civil authority at Sirius is Resident at Gwalior.</p> <p><i>Camping Ground.</i>—100,000 sq. yds. near road and <math>\frac{1}{2}</math> m. from village.</p> <p><i>Water.</i>—Good, from 2 wells about 300 yds. from C. G., animals can be watered at river <math>\frac{1}{2}</math> m. distant. Demarcated.</p>
			<p>328 m. 6 f.</p> <p>336 m. 6 f.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Military.		
COLLECTOR AT JHANSI  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			<i>Supplies.</i> —Must be collected from Busai, 4 m. W. on railway.
		34	BABINA.—7 m. 4 f. Country jungle, undulating and hilly. b., p. o., r. s. Road as above.
		344 m. 2 f.	A good-sized village. Thana. <i>Camping Ground.</i> —25,000 sq. yds. near R. S. and $\frac{3}{4}$ m. from and W. of village, liable to be partly flooded during monsoon. Demarcated. <i>Water.</i> —Good, from a well on C. G. and (for animals) a tank close to C. G. which is dry by middle of March. <i>Supplies.</i> —Plentiful on short notice.
		35	KHAILAR.—7 m. 4 f. Country and road as above. Cross Gorasi at 4 m. 6 f.
		351 m. 6 f.	by a bridge. A small village. <i>Camping Ground.</i> —80,000 sq. yds. close to road and $\frac{1}{4}$ m. from village. Demarcated. <i>Water.</i> —Good, from a well on, and another near, C. G. <i>Supplies.</i> —Must be collected.
		36	JHANSI.—8 m. 4 f. Country and road as above. Pass Bijauli r. s. (2 m. from road) at 2 $\frac{1}{2}$ m. and Hasari at 6 m.
		360 m. 2 f.	A large cantonment and headquarters of Brigade and Deputy Commissioner. Here

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Military. <sup>1</sup>		
COLLECTOR AT JHANSI.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			route crosses Route No. VIII from Bombay <i>via</i> Mhow to Allahabad. From Mhow (27 marches). From Nowgong (16 marches). By Route 84 to Cawnpore (15 marches). By route 74 from Goona (9 marches).
		37	AMBABAI.—9 m. Road as above. At 3 m. p. o., r. s. (Karar 1 m.) a metalled road from Jhansi City joins; at 5 m. 6 f. cross the Pahuj. At 6 m. Palapahari. R. A. practice camp. A good-sized village. <i>Camping Ground</i> .—48,740 sq. yds. E. of and close to road and $\frac{1}{2}$ m. S. of village. <i>Water</i> .—Good, from 1 well with 2 troughs; and others near C. G. <i>Supplies</i> .—On notice.
		369 m. 2 f.	
		38	DATIA.—7 m. 3 f. Country level, with hills b., p. o., t. s., r. s. in places, chiefly jungle. Road as above. A good-sized village. <i>Camping Ground</i> .—85,910 sq. yds. Demarcated. <i>Water</i> .—From well, with trough, on, and others near C. G. <i>Supplies</i> .—Plentiful.
		376 m. 5 f.	
		39	OPRAI.—10 m. 2 f. Country as above at first, then cultivated. Road as above. A good-sized village.
		386 m. 7 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Mili- tary.		
P. A. IN BUNDELKHAND AT NOWGONG.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	40	<p><i>Camping Ground.</i>—65,340 sq. yds. level and dry, on W. of road 500 yds. S. of village.</p> <p><i>Water.</i>—From well on C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		396 m. 7 f.	<p>DABRA.—10 m. Country intersected by b., p. o., t. s., r. s. ravines, cultivated in places. At 5 m. 6 f. cross Sindh river by temporary bridges from December to the rains. At other times by 2 boats and a barge.</p> <p>A large village.</p> <p><i>Camping Ground.</i>—275 × 275 yds. W. of road,</p> <p><i>Water.</i>—Plentiful, good, from well in centre of, and 5 others near, C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		41	<p>MAKORA.—11 m. 4 f. Country flat and well cultivated. Road as above. At 3 m. 4 f. pass Samondan; at 8 m. 3 f. Tekampur tank, good alternative C. G.</p> <p>A small village.</p> <p>Antri, r. s. distant 1½ m. N.</p> <p><i>Camping Ground.</i>—450 × 150 yds. W. of road and N. of village.</p> <p><i>Water.</i>—Good, from well near (b.) and (for cattle from a stream N. of C. G. and tank 1 m. N. of railway crossing (2 m. from C. G.).</p> <p><i>Supplies.</i>—Limited, on notice.</p>
COLLECTOR AT JHANSI.		408 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Mili- tary.		
RESIDENT AT GWALIOR.	C. C. 20TH I. I. BRIGADE, JHANSI.	42	<p>GWALIOR.—14 m. 4 f. Country fairly flat r. s. (<math>\frac{1}{2}</math> m. to N.) for first half of stage. Jungle-covered hills.</p> <p>At 9 m. 1 f. pass Kota-ki-Sarai, disused C. G. where there is b. and good water.</p> <p><i>Camping Ground</i>.—400 × 375 yds. Nowlakka parade ground, good, outside palace walls, E. of road.</p> <p><i>Water</i>.—Good, from 2 wells ; 4 wells with troughs and 4 drinking water wells in lines of I. S. Lancers. Permission of H. H. the Maharaj: h to use these is required.</p> <p><i>Supplies</i>.—All kinds procurable. By Route IX to Agra (6 marches). By Route 39 to Udai for Etawah (7 marches). By Route 69 to Nasirabad (23 marches).</p>
		422 m. 7 f.	

## Route No. 23.

FROM GWALIOR TO UDAL.

Length 60 m.

5 Marches.

Authority and date (month and year).—

*Epitome.*—General direction N.-E. Road metalled and bridged throughout. The Morar, Koari, and Chambal are crossed on this march, the two former by ford, the latter by bridge of boats in dry season, by ferry in rains. Road suitable for all arms, wheeled transport and motors. Water and supplies for battalion, but notice for latter should be given.

By Route No. 38 from Kampti (42 marches), by Route VIII and IX from Mhow (27 marches) and by Route 69 from Nasirabad (23 marches).

AUTHORITIES.		No. of stage and total distance.	Route No. 23.
Civil.	Military.		
RESIDENT AT GWALIOR.	COL. COMDT., 20TH L. I. BDE., JHANSI.	1	MALANPUR.—10 m. 4 f. At 1 m. cross Morar river; at 2 m. pass Morar an old cantonment, on right bank of river. Road metalled and good. Country open and cultivated with hills in the distance. At 5 m. 1 f. pass Bharato and cross small branch of Morar by a stone causeway. A village. <i>Camping Ground.</i> —N. of road near village. <i>Water.</i> —Good, for battalion, from a well in centre of C. G. <i>Supplies.</i> —From Morar.
		10 m. 4 f.	
		2	
		20 m.	
			CHINKA.—9 m. 4 f. Country and road as above. A village.

AUTHORITIES.		No. of stage and total distance.	Route No. 23.
Civil.	Military.		
RESIDENT AT GWALIOR.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			<p><i>Camping Ground.</i>—280 × 250 yds., bad, and has many holes.  <i>Water.</i>—Good, for battalion, from well on C. G.  <i>Supplies.</i>—Scarce.</p>
		3	MEHGAON.—13 m. 4 f. Country and road as b., p. o. above; pass Barkhari at 5 m. and Gingariki
		33 m. 4 f.	at 8 m. A large village. <i>Camping Ground.</i> —E. of road near village. <i>Water.</i> —Good, for battalion, from well S. of C. G. <i>Supplies.</i> —On notice.
		4	BHIND.—12 m. 4 f. Road as above; pass b., p. o., t. s., r. s. Ghijora at 3½ m. and Doho at 10¼ m.
		46 m.	A town, partly in ruins. <i>Camping Ground.</i> —250 × 330 yds. W. of road and town. <i>Water.</i> —Plentiful, good, from well N. of C. G. <i>Supplies.</i> —Procurable.
		5	UDAI.—14 m. Country flat and cultivated for 4 m., then intersected by ravines.
		60 m.	Road as above. Cross Konari at 5½ m. by ford in dry season, ferry in rains. Cross Chambal at end of stage, by bridge of boats in dry season, by ferry in rains, 16 boats available. After crossing Chambal enter Allahabad Independent Brigade Area. Thence to Etawah, stage 7½ m.



## Route No. 24.

FROM SAUGOR TO KALPI *viâ* NOWGONG AND HAR PALPUR.

Length 196 m.

21 Marches.

*Authority and date (month and year).—**Epitome.*—General direction N.-N.-E. The route connects Route Nos. XI, VI and VIII.

The road throughout is metalled and good, suitable for all arms ; for motor traffic at reduced speed, owing to stones, sharp turns, and sudden descents. There are no serious obstacles.

Water abundant throughout, sufficient for a brigade, C. G. good and spacious, notice should be given for supplies.

By Route No. 36 from Mhow (21 marches).

By Route No. 38 from Kampti (23 marches).

By Route No. XI from Jubbulpur *viâ* Damoh (10 marches).

AUTHORITIES.		No. of stage and total distance.	Route No. 24.
Civil.	Military.		
DEPUTY COMMISSIONER AT SAUGOR.	C. C., 21ST I. BDE., JUBBULPORE.	1	KARAPUR.—9 m. Country open and cultivated. Road metalled and good. Nalas strongly bridged There is also a cart-track running parallel to main road. A village near the Bankri nadi. <i>Camping Ground.</i> —105,000 sq. yds. demarcated, W. of village difficult of access. Track to it from 9 m. 6 f. Better ground adjoining C. G. easier of access. Some watering facilities. <i>Water.</i> —One well E. of C. G., for animals from nalas N. of C. G. Well water clear and abundant. <i>Supplies.</i> —On notice.
		9 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 24.
Civil.	Military.		
DEPUTY COMMISSIONER AT SAUGOR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		2	<p>BANDA.—10 m. Road (undulating) as above, but track from Karapur, C. G. (joins main road at 13 m. 6 f.) is rocky. Nalas are paved. Cross Bankri (fordable except after heavy rain) on starting; at 3 m. a well; at 8½ m. Dilakheri.</p> <p>A village.</p> <p><i>Camping Ground.</i>—W. of road and S. of village, demarcated.</p> <p><i>Water.</i>—Ample, from 2 wells (both 13 ft. in diameter) close to C. G. and nala ½ m. N. of C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		19 m.	
		3	
		30 m.	
		4	<p>RURAWAN.—11 m. Country partly cultivated for first 7 m., then scrub jungle.</p> <p>Road as above; pass Tinsi at 5 m. 2 f. and a good well at 6 m.</p> <p>A village.</p> <p><i>Camping Ground.</i>—130,000 sq. yds., on both sides of road, demarcated.</p> <p><i>Water.</i>—Two wells which dry up in hot weather and nala 500 yds. W. Good water from pucca built well opposite Inspection Bungalow.</p> <p><i>Supplies.</i>—On notice.</p>
		42 m. 6 f.	
			<p>SHAHGARH.—12 m. 6 f. Country hilly and p. o. interspersed with jungle; road as above.</p> <p>Cross Bila nadi (dry except in rains), at 3 m.; again at 4 m. 5 f. and at end of stage. A village.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 24.
Civil.	Mili- tary.		
P. A. IN BUNDELKHAND AT NOWGONG.	D. C., AT SAUGOR.  C. C. 21ST I. I. BDE., JUBBULPORE.  C. C., 20TH I. I. BDE., JHANSI.		<p><i>Camping Ground.</i>—400 × 150 yds. N. of village and close to stream where cattle may be watered.</p> <p><i>Water.</i>—Two wells, 1 with trough and pulley N. of, and 2 others (private) near, C. G. Good water from well opposite Inspection Bungalow.</p> <p><i>Supplies.</i>—On notice.</p>
		5	
		50 m.	HIRAPUR.—7 m. 2 f. Country hilly and jungly. Road as above. Nalas not diff-cult.
		6	<i>Camping Ground.</i> —600 × 250 yds.
		59 m. 6 f.	SARWA.—9 m. 6 f.
		7	
		66 m.	MULBARA.—6 m. 2 f.
		8	
		76 m. 6 f. 9	GULGANJ.—10 m. 6 f. b., p. o.
		87 m. 6 f.	MATGAON.—11 m.
		10	
		97 m. 5 f.	CHATAPUR.—9 M. 7 f. b., p. o.

See Main Route  
No. VI, Stages 37  
to 41.

AUTHORITIES.		No. of stage and total distance.	Route No. 24.
Civil.	Military.		
P. A. IN BUNDELKHAND AT NOWGONG.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	11	<p>NOWGONG.—14 m. 4 f. Country at first b., p. o., t. s., r. s. cultivated, then low jungle; at 6 m. pass Dhamora; cross the Urmal (bridged and generally fordable) at 7 m. Here route joins No. VIII for 1 stage.</p>
		112 m. 1 f.	
		12	
		123 m.	
		13	
COLLECTOR OF HAMIRPUR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	131 m. 4 f.	<p>ALIPURA.—10 m. 7 f. Road metalled and good. See route No. VIII, Stage 40.</p> <p>Camping Ground.—420 × 380 yds.</p> <p>HARPALPUR.—8 m. 4 f. Country low and r. s., p. o. cultivated. Road metalled and good.</p> <p>A r. s. on the G. I. P. Railway, Jhansi-Manikpur section.</p> <p>Camping Ground.—Extensive site round station.</p> <p>Water.—Plentiful, good, from 2 wells near station.</p> <p>Supplies.—On notice.</p>
		14	
		137 m. 2 f.	
		15	
		144 m. 4 f.	
			<p>MAHOBA.—5 m. 6 f. Cross Kewara stream, unmetalled 1 m; always fordable except in rains.</p> <p>Camping Ground.—54,560 sq. yds., E. of village.</p> <p>Water.—11 wells (9 in village).</p> <p>PANWARI.—7 m. 2 f. Road unmetalled, flooded in rains; pass Bahadurpur 3 m. 2 f.</p> <p>Camping Ground.—26,000 sq. yds., S.-E. of village, S. Kulpahar-Panwari Road.</p> <p>Water.—27 wells (24 in village), tank.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 24.
Civil.	Military.		
COLLECTOR OF HAMIRPUR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	16	NAKRA.—4m. Village on Kewara stream.
		148 m. 4 f.	<i>Camping Ground.</i> —58,030, sq. yds., E. road, S. village. <i>Water.</i> —Of village wells is brackish; stream.
		17	RATH.—9 m. Cross Kewara stream 4 f.; ferry <i>p. o., b.</i> in rains (1 small boat); metalled road.
		157 m. 4 f.	<i>Camping Ground.</i> —197,230 sq. yds. (swamp in rains) 4 f. N.-E. of town. <i>Water.</i> —Wells. <i>Supplies.</i> —Abundant.
		18	JARIYA.—11 m. 4 f. Pass Kamharia 3 m.; Pawai 10 m.; unmetalled.
		169 m.	<i>Camping Ground.</i> —120 × 65 near road 2 f. E. of village. <i>Water.</i> —Wells, tanks.
		19	CHANDAUT.—11 m. Road unmetalled, cross <i>p. o.</i> Parwan nala 5 m. 4 f.; pass Dhagwan 6 m.
		180 m.	<i>Camping Ground.</i> —248,050 sq. yds., S. Betwa river 2 f. W. of village. <i>Water.</i> —5 wells. r.
		20	ITAURA.—9 m. Cross Betwa river 4 f.; ferry in rains (2 boats), each 30 men; ford in dry season.
		189 m.	<i>Camping Ground.</i> —60,000 sq. yds. 2 f. W. of village. <i>Water.</i> —Well.

AUTHORITIES.		No. of stage and total distance.	Route No. 24.
Civil.	Military.		
C. OF JULAUN (ORAI C. OF HAMIRPUR.	COL. COMD, 20TH I. I. BDE.,	21	KALPL.—7 m. Town right bank Junner post- toon Bridge dry season ferry and 5 large boats. <i>Camping Ground.</i> —400 × 300 l m. from river on Orai Road. <i>Water.</i> —Well. <i>Supplies.</i> —Abundant. Connects with U. P. route 23.
		196 m.	

## Route No. 25.

FROM CHHINDWARA TO PACHMARI.

Length 86 m. 4 f.

8 Marches.

*Authority and date (month and year).*—Colonel Commandant  
Jubbulpore Brigade Area, February 1922.

*Epitome.*—General direction N.-W. from Chhindwara to Mukuli and then S. to Pachmari. Road 1st class metalled and motorable all seasons. Between Kutkuli and Pagara the ascent is steep, gradient not more than 1 in 15. After Pagara the gradients are easy. Line of telegraph all along road. Water is not plentiful on this route, and at Rani Keda has to be brought from a distance of  $1\frac{1}{2}$  m. to the C. G. Supplies can be obtained on notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 25.
Civil.	Military.		
DEPUTY COMMISSIONER AT CHHINDWARA.	C. C., 21ST I. I. BDE., JUBBULPORE.		CHHINDWARA.—From Kampti by route b., p.o., t.s., r.s. No. 38, distance $75\frac{1}{2}$ m. 6 marches.
		1	SONAPIPRI.—12 m. Metalled road. Soil red. b.
		12 m.	Cross Bodri nala and Kulbhera river, bridge, no obstacle throughout the year. A small village. <i>Camping Ground.</i> —No good one. <i>Water.</i> —From well, dry in hot weather; also from nala. <i>Supplies.</i> —On notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 25.
Civil.	Military.		
DEPUTY COMMISSIONER AT CHHINDWARA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	2	<p>BELGAON.—9. m. Cross several nalas, b. and Pench river, bridged, can be crossed throughout the year.</p> <p><i>Camping Ground.</i>—One very small and poor. The other, good, at Aukhawari, <math>1\frac{1}{2}</math> m. from Belgaon towards Tamia, near the road.</p> <p><i>Water.</i>—From wells. Water at Aukpawari has to be got from river, which dries up in hot weather.</p> <p><i>Supplies.</i>—On notice.</p>
		21 m.	
		3	
		35 m.	
		4	
		46 m.	<p>TAMIA.—14 m. Road as above. A small village.</p> <p><i>Camping Ground.</i>—Not good, and small.</p> <p><i>Water.</i>—From a well and spring close by, water good.</p> <p><i>Supplies.</i>—On notice.</p>
		5	
		58 m.	<p>DELBAKHARI.—11 m. A large village.</p> <p><i>Camping Ground.</i>—Not very good, but better than at Tamia.</p> <p><i>Water.</i>—From well close by.</p> <p><i>Supplies.</i>—On notice.</p>
			<p>RANI KHEDA.—12 m. Road as above. A few huts and no well.</p> <p>No village.</p> <p><i>Camping Ground.</i>—No regular camping ground.</p>



AUTHORITIES.		No. of stage and total distance.	Route No. 25.
Civil.	Military.		
DEPUTY COMMISSIONER, HOSHANGABAD.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Water.</i>—From Dhudhar nala <math>1\frac{1}{2}</math> m. off, towards Delbakheri.</p> <p><i>Supplies.</i>—On notice.</p>
		6	MUTKULI—11 m. Road as above.
		69 m.	<p>A fair sized village.</p> <p><i>Camping Ground.</i>—E. of village and about <math>\frac{1}{2}</math> m. N. of Danwa river.</p> <p><i>Water.</i>—From pakka well 70 feet deep. disaffected at intervals, water deficient in hot weather, S. of C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		7	PAGARA.—10 m. Country rough and jungly. Road 16 feet wide and metal-
		79 m.	<p>led.</p> <p>The ascent is steep, gradients not more than 1 in 15. Cross the Danwa (submerged bridge), then over low ridge of hill (not difficult) and pass Singanama (b) at 4 m.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—W. of road and N. of village</p> <p><i>Water.</i>—Plentiful, good, from perennial springs, 1 being S. of C. G.</p> <p><i>Supplies.</i>—From Pachmarhi on notice.</p>
		8	PACHMARHI.—7 m 4 f. Country hilly and jungly. Road metal-
		86 m. f. 4	<p>led and good. Gradients easy.</p> <p>A cantonment.</p>

## Route No. 26.

FROM HATWAS OR PIPARIA TO PACHMARHI.

Length 33 m.

4 Marches.

*Authority and date (month and year).*—Colonel Commandant,  
Jubbulpore Brigade Area, Janaury 1922.

*Epitome.*—Between these places, during heavy rain, a mountain stream floods the road and stops traffic not more than 4 hours. Otherwise metalled and motorable. Between Mutkuli and Pagara the ascent is steep, gradients of 1 in 12 to 1 in 15 in places. Water, for 2 battalions throughout. Supplies can be obtained on notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 26.
Civil.	Military.		
D. C., HOSHANGABAD.	C. C., 21ST I. BDE., JUBBULPORE		HATWAS.—From Jubbulpore to Hatwas b., p.o., l.s., r.s. (12 marches) by route No. XII, ; Piparia r. s. on Great Indian Peninsula Railway is 1 m. S. of Hatwas by a good unmetalled road. From Piparia a good metalled road. Country undulating and cultivated.
		1	DUKREKERA.—8 m. A small village.
		8 m.	Camping Ground.—E. of road and village. Water.—For 2 battalions, from a well S. of C. G.
		2	Supplies.—On notice. Road as above. See Route No. 41.
		15 m. 4 f.	MUTKULI.—7. m. 4 f.

AUTHORITIES.		No. of stage and total distance.	Route No. 26.
Civil.	Military.		
D. C., HOSHANGABAD.	C. C., 21ST I. I. 21ST BDE., JUBBUL- PORE.	3	PAGARA.—10 <i>m.</i>
		25 <i>m.</i> 4 <i>f.</i> §	} Road as above. See Rou Route No. 41.
		4	
		33	

**Route No. 27.**

FROM BORAI TO JUBBULPORE.

*Length 337 m. 7 f.**26 Marches.**Authority and date (month any year).—Colonel Commandant, 21st I. I. Bde, February 1922.**Epitome.*—General direction N.-N.-W. The following portions of this route are motorable :—

Mungeli	..	..	Mandla.
Nandhat	..	..	Raipur.
Raipur	..	..	Dhmtari.

The following are not motorable in the rains at present :—

Mungeli	..	..	Nandghat.
Dhamtari	..	..	Borai.

*Note.*—Gata Sili to Dhamtari is motorable from 1st January to 1st June.

The road from Mandla to Jubbulpore is metalled throughout and is motorable in all weathers. There are some nalas, crossed by causeways, which become impassable for short periods (4 hrs.) immediately after heavy rain.

AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Military.		
D. C., RAIPUR.	O. C., 21ST I. I. BDE., JUBBULPORE.		BORAI.—A small village. h. Camping Ground.—Shady, on road. Water.—Poor supply from one well. Supplies.—Scarce. From Kundai (Route 88, Volume IX of 1912) 4 m.
		1	SITANADI.—10. m. Road a jungle cart-track. Country rocky. b.
		10 m.	Cross some nalas dry in November.

AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, RAIPUR.  OFFICER COMMANDING, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			No village, nearest 7 m. away. <i>Camping Ground.</i> —Small, surrounded by thick jungle. <i>Water.</i> —A river; this dries up in January, when water is obtained by digging in the bed. <i>Supplies.</i> —Available from Sehawa.
		2	SEHAWA.—13 m. Road partly moorumed b., p.-o. and crossings me- talled. Black cotton
		23 m.	
			A large village. soil. <i>Camping Ground.</i> —Good and shady. <i>Water.</i> —Tanks and wells. <i>Supplies.</i> —Ample.
		3	GUTTASILLI.—12 m. Road as above. b. 4 f. Cross several nalas, dry after monsoon.
		35 m. 4 f.	
			A small village. <i>Camping Ground.</i> —Good. <i>Water.</i> —From large tank and wells. <i>Supplies.</i> —From Sihawa and Birgudi on notice.
		4	DOKAL.—8 m. 4 f. Road as above.
		44 m.	
			A small village. <i>Camping Ground.</i> —On road. <i>Water.</i> —Obtainable. <i>Supplies.</i> —Few.
		5	BANAROD.—6 m. 4 f. Road partly metalled partly moorumed. Cross Siler river. A small village.
		30 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Military.		
DEPUTY COMMISSIONER, RAIPUR.  OFFICER COMMANDING, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		6	<p><i>Camping Ground.</i>—On road.</p> <p><i>Water.</i>—From well and nala.</p> <p><i>Supplies.</i>—From Bhamtari on notice.</p>
		6 m. 4 f.	<p>DHAMTARI.—11 m. Road moorumed b., p.-o., t.-s., r.-s. and bridged. Cross Mahanadi river.</p> <p>Ferry and temporary crossings Mahandi river mother crossings raised causeways.</p> <p>At 2 m. Kohrel. A large town. Railway to Raipur.</p> <p><i>Camping Ground.</i>—Good.</p> <p><i>Water.</i>—From wells and tanks.</p> <p><i>Supplies.</i>—On notice. A large bazar here.</p>
		7	<p>BHATGAON.—17 m. Road metalled and l.-t., s.-a. bridged. At 1 m. old road to Raipur branches off; 3½ m. Samalpur; at 5½ m. cross railway; at 8 m. Sarsonpuri r.-s.; at 11½ m. Dansura; at 15½ m. cross railway.</p> <p><i>Camping Ground.</i>—Good.</p> <p><i>Water.</i>—Two tanks.</p> <p><i>Supplies.</i>—On notice. from Kurudh Railway Station and Dhamtari.</p>
		78 m. 4 f.	
		8	<p>ABHANPURA.—13 m. 4 f. Road as above b., p.-o., t.-s., r.-s. Country black cotton soil.</p>
		92 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Military.		
DEPUTY COMMISSIONER, RAIPUR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p>At 1 m. Muradh ; at 4 m. Kullei, at 7 m. Durba ; at 8 m. Chatoud ; at 9 m. Charapur ; at 10½ m. Chotade.</p> <p>A village with police station.</p> <p><i>Camping Ground.</i>—Near village.</p> <p><i>Water.</i>—From tanks.</p> <p><i>Supplies.</i>—On notice, from Raipur.</p>
		9	<p>RAIPUR.—17 m. 4 f. Road as above. Country open.</p> <p>A civil station ; Headquarters of district ; population 32,114 ; on Bengal-Nagpur Railway.</p> <p><i>Camping Ground.</i>—S. of town.</p> <p><i>Water.</i>—Abundant. One Public Works Department well.</p> <p><i>Supplies.</i>—Abundant at 2 days' notice.</p> <p>By Route VII from Nagpur (18 marches) and to Dum-Dum (45 marches).</p>
		109 m. 4 f.	
		10	
		121 m.	<p>DHARSEWA.—12 m. Road metalled and bridged. Country flat and cultivated.</p> <p>A small village, surrounded by a mud wall, ½ m. W. of the road. Police station and P. W. D. hut.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Military.		
DEPUTY COMMISSIONER, RAIPUR.	DEPUTY COMMISSIONER, JUBBULPORE.	11	<p><i>Camping Ground.</i>—Good.  <i>Water.</i>—2 tanks; no other water available.  <i>Supplies.</i>—On notice from Raipur.</p>
		137 m.	<p>SIMGA.—16 m. Road as above.  <i>b. r. o. t. s.</i>  A large village, Police station and P. W. D. bungalow. A road to Tilda Rly. Station (B. N. R.).  <i>Camping Ground.</i>—Near Police Station.  <i>Water.</i>—Plentiful, from rivers and tanks.  <i>Supplies.</i>—On notice.</p>
DEPUTY COMMISSIONER, BILASPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	12	<p>NAND GHAT.—13 m. 3 f. Road unmettled, very bad from m. 4 to m. 11. Country as above. At 5 m. Chanderi; 2 at 7 m. Danakheri; cross Sheonath river at end of stage. A small village.  <i>Camping Ground.</i>—In fair condition.  <i>Water.</i>—From river.  <i>Supplies.</i>—On notice.  By route 83 to Bilaspur (3 marches).</p>
		165 m. 3 f.	<p>13 PANDARBHATA.—15 m. Road unmettled in bad repair. Country as above.  Cross Ghora at 6 m. 3 f. and 8 m. 2 f.  A very small village.  <i>Camping Ground.</i>—Nil.  <i>Water.</i>—Moderate quantities from two small tanks.  <i>Supplies.</i>—On notice.</p>



AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Mili- tary.		
P. A., C. P., FEUDATORIES, RAIPUR.	D. C., BILASPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	
			14 MUNGELI.—8 m. Road as above. Cross Tesna nala at 2 m., bad approaches.
			173 m. 3 f. <i>Camping Ground.</i> —On roadside W. of village, good. <i>Water.</i> —Good and ample for 2 battalions, and 1,800 animals from Agar river; no wells. <i>Supplies.</i> —On notice. By route 44 to Bilaspur, 3 marches.
			15 PENDRI-KUNDA.—15 m. Made road. A village.
			188 m. 3 f. <i>Camping Ground.</i> —None demarcated, but a mango tope, at Kund, close to Pendari, is available (120×100 yds). <i>Water.</i> —Good and plentiful from Hap river. <i>Supplies.</i> —Must be collected.
			16 BORLA.—15 m. 4 f. Road as above. A fair- sized village.
			203 m. 7 f. <i>Camping Ground.</i> — <i>Water.</i> —Abundant from tanks. <i>Supplies.</i> —Sufficient for one battalion.
			17 RAJADHAR.—20 m. 1 f. The Ghat is 5 m. b. long, gradient throughout passable by guns. Dense jungle and rocky hills on either side. Cross the Phen river and several nalas unbridged. Ascend Chilpi Ghat. A small village at head of Chilpi Ghat.
		224 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, MANDLA.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Camping Ground.</i>—On left bank of Phen river under sal trees.  <i>Water.</i>—Abundant from river.  <i>Supplies.</i>—Can be collected.</p>
		18	<p>MOTINALA.—13 m. 5 f. Cross the Behir river b., p.-o. and some nalas unbridged. A fair road.  A small village with police station.  <i>Camping Ground.</i>—Under a group of sal trees near b.  <i>Water.</i>—From wells and nala.  <i>Supplies.</i>—Can be collected.</p>
		237 m. 5 f.	
		19	<p>BICHHIA.—15 m. 3 f. Cross the Palparha, the Halon, and Tala and several nalas, unbridged, exapt Halon River which is bridged near Dak Bunglow.  A fair-weather road.  A small village.  <i>Camping Ground.</i>—Near Dak Bunglow.  <i>Water.</i>—From well, nala and river.  <i>Supplies.</i>—Can be collected.</p>
		253 m.	
		20	<p>ANJANIAN.—12 m. 2 f. Country undulating 5. Cross the Chikan river and all nalas, bridged. Road metalled first four miles to Mandla.  A small village. The Surpon river close by  <i>Camping Ground.</i>—N. of road, close to b.</p>
		265 m. 2 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Military.		
DEPUTY COMMISSIONER, MANDLA.	OFFICER COMMANDING, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Water.</i>—Abundant. <i>Supplies.</i>—On notice.</p>
		21	<p>MANDLA.—12 m. 4 f. Country jungly. There are 2 alternative routes. One by crossing the Narbada by ferry and the other by crossing the Banjan by a tempy. bridge and the Narbada by a pucca submerged bridge just below Mandla. The former avoids the Banjan and in the best route during rain—(June to December)—the latter is open from December to June. All nallas between Anjanian and Mandla bridged.</p> <p>Road as above.</p> <p>A large town on the Narbada river. Headquarters of districts. The Banjar river joins the Narbada here. Country populous and cultivated. A ferry on the Narbada, and Banjar, rivers in the rains.</p> <p><i>Camping Ground.</i>—In the civil station about 1 m. from the town.</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>—</p> <p>} Plentiful.</p>
		277 m. 6 f.	
		22	
		257 m. 6 f.	<p>GWARI.—10 m. Cross Phulsagar nala and many others, all bridged.</p> <p>Road metalled and bridged.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—</p> <p><i>Water.</i>—Abundant.</p> <p><i>Supplies.</i>—Procurable.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Military.		
DEPUTY COMMISSIONER, MANDLA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	23	<p>TIKARIA.—16 m. Country covered with jungle. Cross the Babacha, Lalipur and the Balai rivers and many <i>nalas</i>, bridged, except last one, where there is a submerged bridge which becomes impossible during heavy rain for a few hours.</p> <p>Road as above.</p> <p>A village.</p> <p><i>Camping Ground</i>.—183,920 sq. yds. on N.-E. of road.</p> <p><i>Water</i>.—From perennial spring and 2 wells (good).</p> <p><i>Supplies</i>.—Procurable.</p>
		303 m. 6 f.	
		24	
D.C., JUBBULPORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	313 m. 4 m.	<p>DHANVAL.—9 m. 4 f. Road as above. At 2 m. begin ascent of Kalpi ghat (3½ m. long; at 6 m. Kalpi tank. A small village.</p> <p><i>Camping Ground</i>.—260 × 80 yds. N.-E. of road at entrance to village.</p> <p><i>Water</i>.—Plentiful and good, from a well 100 yds. W. of, and (for animals) from the Hingna, 2 m. from C. G. (nearly dry in hot weather, as are the wells).</p> <p><i>Supplies</i>.—Procurable.</p>
		25	
		328 m. 3 f.	<p>BARELA.—14 m. 7 f. Country undulating p.-o. and jungly. Road as above. Cross Hingna at 1 m. 7 f. by a submerged bridge which becomes impassable during heavy rain for a few hours.</p> <p>At 9 m. descend Nagar Pahar Ghat (2½ m. long).</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Mili- tary.		
D. C. JUBBULPORE.	C. C. 21ST L. I. BDE., JUBBULPORE.	26	<p>A large village.</p> <p><i>Camping Ground</i>.—300 yds. S. of road near village and 500 yds. S. of tank where animals may be watered.</p> <p><i>Water</i>.—Plentiful and good, from 2 wells.</p> <p><i>Supplies</i>.—Abundant.</p>
		337 m. 7 f.	<p>JUBBULPORE.—9 m. 4 f. Road as above.</p> <p>b., p.-o., t.-s., r.-s. Cross Gaur river 5½ m. A submerged bridge impassable during heavy rains for a few hours.</p> <p><i>Camping Ground</i>.—Near Khara 3 f. S.-W. of Road.</p> <p><i>Water</i>.—Plentiful and good from Gaur River.</p> <p>Marches.</p> <p>By Route VI to Lucknow .. 30</p> <p>" " XI to Nasirabad .. 42</p> <p>" " XII to Mhow .. 32</p> <p>" " and Ahmedabad .. 52</p>

## Route No. 28.

FROM MUNGELA TO SAMBALPUR.

Length 176 m.

15 Marches.

This route connects Jubbulpore with route No. VII.

*Authority and date.*—Under orders of Colonel Commandant, Jubulpore Area (December 1921).*Epitome.*—General direction S.-E. Road motorable in all Seasons from Mangela to Bilaspur. From Bilaspur to Seorinarain road moorumed—the first 7 miles being metalled but owing to Arpa River at mile 8 and the Lillagarh Nalla at mile 16 from Bilaspur not being bridged this road is not motorable in the rains. Water everywhere abundant ; supplies on notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 28.
Civil.	Military.		
DEPUTY COMMISSIONER, BILASPUR.	COL. COMDT., 21ST I. I. BDE., JUBBULPORE.		MANGELA.— Junction of routes 27 and 28. From Jubbulpore 12 marches.
		1	TAKHATPUR.—13 m. Road metalled. p. o. Country open and cultivated villages. Camping Ground.—3½ acres : on left bank of Manjan River E. of village. Water.—For 3 Battalion and 2000 animals from Mae ari River. No wells. Supplies.—On notice.
		13 m.	
		2	KATTAKONI.—9 m. Cross Agar river and Rahen Nulla. Road metalled. A small village.
		22 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 28.
Civil.	Military.		
DEPUTY COMMISSIONER, BILASPUR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Camping Ground.</i>—No regular C. G. but a Mangoe Tope (300 yds. <math>\times</math> 200 yds.) available N.-E. of village and E. of road.</p> <p><i>Water.</i>—Plentiful and good from masonry well (5 ft. diameter) and river Ghongay 120 yds. from C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		3	<p>BILASPUR.—9 m. Cross small stream called b., p. o., t. s., r. s. Narbudda. Civil station and town.</p>
		31 m.	
			<p><i>Camping Ground.</i>—E. of town.</p> <p><i>Water.</i>—Abundant and good from wells and Arpa river.</p> <p><i>Supplies.</i>—Abundant.</p> <p>By routes 41 and 27 to Raipur (7 marches).</p>
		4	<p>MASTORI.—10 m. Country open and cultivated. Village.</p>
		41 m.	
			<p><i>Camping Ground.</i>—No regular ground but ground available (700 yds. <math>\times</math> 200 yds.) without shade S.-E. of village.</p> <p><i>Water.</i>—Bad, from masonry well and tank S.-W. of roads.</p> <p><i>Supplies.</i>—Limited must be collected.</p>
		5	<p>RAMGARH.—14 m. A small village. p. o.</p>
		55 m.	
			<p><i>Camping Ground.</i>—Close to road and S. of village.</p>

## Route No. 28.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER, BLASPUR.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		6	<p><i>Water.</i>—Good from well 7 ft. deep close to Police station and large tank. <i>Supplies.</i>—Limited, must be collected.</p> <p>SEONINARAIN.—15 m. Country as above. Village.</p>
		70 m.	<p><i>Camping Ground.</i>—To W. close to road on bank of Mahanadi river. <i>Water.</i>—Abundant from Mahanadi river. <i>Supplies.</i>—On notice.</p>
		7	BIRRA.—12 m. Small village.
		82 m.	<p><i>Camping Ground.</i>—On road side W. of village. <i>Water.</i>—Good and abundant from tank 100 yds. from C. G. <i>Supplies.</i>—On notice.</p>
		8	HOSSODE.—12 m. Village.
		94 m.	p. o.
		9	<p><i>Camping Ground.</i>—Close to road and E. of village. <i>Water.</i>—Plentiful and good from nalla <math>\frac{1}{2}</math> m. from C. G. <i>Supplies.</i>—On notice.</p> <p>DUBERA.—12 m. Cross Mand River unbridged near C. G. Ferry boats available carrying 15 men at a time up to 31st December. Thereafter river fordable till July. Country open and cultivated.</p>
		106 m.	



## AUTHORITIES.

Civil.

Mili-  
tary.No.  
of  
stage  
and  
total  
distance.

## Route No. 28.

DEPUTY COMMISSIONER, SAMBALPUR.

GENERAL OFFICER COMMANDING, PRESIDENCY AND ASSAM DISTRICT.

10

118 m.

*Camping Ground.*—W. of village.  
*Water.*—Plentiful and good from wells in village and a tank for animals.  
*Supplies.*—On notice.

CHANDERPUR.—12 m. A large village left bank of Mahanadi river.

*Camping Ground.*—On R. bank of Mand river.  $1\frac{1}{2}$  m. distant.  
*Water.*—Abundant from Mand river.  
*Supplies.*—On notice.

11

128 m.

PODIGAON.—10 m.

*Camping Ground.*— $1\frac{1}{2}$  m. distant on bank of Mahanadi River.  
*Water.*—Abundant and good from Mahanadi river.  
*Supplies.*—On notice.

12

140 m.

PUDDAMPUR.—12 m. Cross few nalas unbridged. Small ferry boats carrying 8 men

available.  
*Camping Ground.*—W. of village on left bank of river.  
*Water.*— } As above.  
*Supplies.*— }

AUTHORITIES.		No. of stage and total distance.	Route No. 28.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, SAMBALPUR.	GENERAL OFFICER COMMANDING, PRESIDENCY AND ASSAM DISTRICT.	13	RAMPOLUGA.—14 m. Country cultivated. Cross river, unbridged. Ferry boat carry-
		154 m.	ing 12 men available. Small village. <i>Camping Ground</i> .—South of village. <i>Water</i> .—Abundant and good from tank about ¼ m. E. of village. <i>Supplies</i> .—On notice.
		14	BODTANG.—10 m. Moderate sized village. Cross Ebb river at 8 m. Country open
		164 m.	and cultiva ed. <i>Camping Ground</i> .—S. of road. <i>Water</i> .—Good and abundant from Mahanadi river. <i>Supplies</i> .—On notice.
		15	SAMBALPUR.—12 m. A small cantonment b., p. o., t. s., r. s. and large native city. On main route VII.
		176 m.	<i>Camping Ground</i> .—Near city. <i>Water</i> .— <i>Supplies</i> .—} Abundant. To Cuttack, (main route V) 25 marches.

## Route No. 29.

FROM SABALGARH TO GWALIOR.

Length 59 m. 4 f.

5 Marches.

Authority and date (month and year).—

*Epitome.*—General direction E. The road is for the most part a fair-weather cart-track, but in parts quite impassable by carts, water very scarce for a great part of the road, and supplies can only be collected with difficulty in places. The road is quite unsuitable for any large body of troops, and a better route would be *via* Agra by Route No. X, 33, and IX.

AUTHORITIES.		No. of stage and total distance.	Route No. 29.
Civil.	Military.		
RESIDENT, GWALIOR.		COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	<p>SABALGARH.—Road from Karauli bad <i>b., p. o., t. s., r. s.</i> and impracticable for carts, crossing many <i>nalas</i>; a guide would be necessary. Country rocky and cut up by ravines. Cross Chambal (deep and unfordable) by ferry, 6 boats, each carrying 8 men. A station on the Gwalior light railway, which runs from Gwalior to Cheopur Kalan. This route follows the line of the railway into Gwalior. Connects with S. R. Districts Route 51. A town with large fort. Hills S. of road, quite close. <i>Camping Ground.</i>—125,900 sq. yds. N. of town and 130 yds. W. of <i>b.</i>, partly enclosed by small stream. <i>Water.</i>—Good, for a battalion, from a well 200 yds. N. of C. G. <i>Supplies.</i>—Procurable.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 29.
Civil.	Military.		
RESIDENT, GWALIOR.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		1	KELARAS.—14 m. 4 f. Road metalled. <i>b., p. o., t. s., r. s.</i> Pass Kaodoli at 4½ m., and cross Kaori river by iron bridge at end of stage. A large village on right bank of Kaori river. <i>Camping Ground.</i> —400 × 120 yds. at the foot of a hill ¼ m. E. of village. <i>Water.</i> —Good, for a battalion, from well in a garden E. of C. G. <i>Supplies.</i> —On notice.
		14m. 4f.	
		2	JAURA.—12 m. Country and road as above. <i>b., p. o., t. s., r. s.</i> Cross a branch of Kaori <i>en route</i> by an iron bridge. <i>Camping Ground.</i> — <i>Water.</i> —For a battalion from well in centre of C. G. <i>Supplies.</i> —On notice.
		26m. 4f.	
		3	SIMAUULI.—8 m. Road unmetalled, sandy <i>t. s., r. s.</i> in places. Cross Asan generally fordable, at 5 m. A large village with fort. <i>Camping Ground.</i> — <i>Water.</i> —Good, for a battalion, from well in Fakir's garden W. of C. G. <i>Supplies.</i> —Procurable.
		34m. 4f.	
		4	PAHARI.—10 m. Road as above. Cross small branch of Asan river, fordable except after heavy flood at 4 m.
		44m. 4f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 29.
Civil.	Military.		
RESIDENT, GWALIOR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JHANSI.		<p>A village.</p> <p><i>Camping Ground</i>.—260 × 190 yds. 3 m. W. of Bamourgaon r. s.</p> <p><i>Water</i>.—Good, for battalion, from well 250 yds. N.-W. of C. G.</p> <p><i>Supplies</i>.—Scarce.</p>
		5 59m. 4f.	<p>GWALIOR.—15 m. Road as above until b., p. o., t. s., r. s. it joins the Gwalior-Agra road at Bamourgaon r. s. on Route No. IX from Mhow (27 marches) to Agra (6 marches). Gwalior r. s., <math>\frac{1}{2}</math> m. to N.</p> <p><i>Camping Ground</i>.—400 × 375 yds. very good. (Nowlaka parade ground).</p> <p><i>Water</i>.—From 2 wells.</p> <p><i>Supplies</i>.—All kinds procurable.</p>

\* **Route No. 30.**

FROM DHAISGAON ON ROUTE III *via* KHANDWA TO  
HARDA ON ROUTE XII.

Length 79 m. 7 f.

7 Marches.

Authority and date (month and year).—

Epitome.—Direction S.-E. to Khandwa, thence N.-E. A good metalled road as far as Khandwa, thence a made road, running parallel to Great Indian Peninsula Railway.

AUTHORITIES.		No. of stage and total distance.	Route No. 30.
Civil.	Military.		
D. C. NIMAR, AT KHANDWA.	GENERAL OFFICER COMMANDING, C. P. DISTRICT.	1	DHAISGAON.—On route III from Fort St. George to Mhow.
		14m. 5f.	KHANDWA.—14 m. 5 f. Road Metalled ; b., p. o., t. s., r. s. follows Route III as far as Chaigaon Makha 5 m. 3½ f. At 9 m. 5½. Chegam Debi.
		2	Headquarters of Nimar district. Junction of Great Indian Peninsula Railway with Malwa Section of B., B. & C. I. Rly.
		24m. 7f.	Camping Ground.—Barracks N. of town. Water and Supplies.—Plentiful.
			JAWAR.—10 m. 2 f. A made cart-road, t. s., r. s. good in fair weather, winding through hills, ravines and thick jungle, partly bridged. 4 m. 7 f. pass Sehara, after which thick jungle begins. A small village.

AUTHORITIES.		No. of stage and total distance.	Route No. 30.
Civil.	Military.		
D. C., NIMAR, AT KHANDWA.	GENERAL OFFICER COMMANDING, C. P. DISTRICT.		<i>Camping Ground.</i> —N. <i>Water.</i> —Abundant, from wells. <i>Supplies.</i> —A few shops.
		3	BIR.—11 m. 1 f. Road as above. At 5 m. r. s. 3 f. Pipra river ; at 6 m. Khygaon ; at 7 m. 1 f. Palsud. Thick jungle all the way. <i>Camping Ground.</i> —Good. <i>Water.</i> —Abundant, from wells. <i>Supplies.</i> —Moderate.
36 m.			
4		HARSOD.—13 m. 5 f. Country thick b., p. o., t. s. jungle. A made cart-road. At 7 m. Ghisur ; at 8½ m. Tawa river, at 13 m. Amakhel nala. <i>Camping Ground.</i> —On bank of Amakhel nala, neither demarcated nor cleared. <i>Water.</i> —Abundant, from wells and nala. <i>Supplies.</i> —Nil. Bazar Mondays.	
49m. 5f.			
5		CHIPABAR.—10 m. 1 f. Country open and p. o., r. s., (KHIR- cultivated. A made KIAN 1½ m.) road at 1½ m. Kalimachak river ; at 4 m. Piplani r. s., at 5 m. cross river by bridge ; at 8 m. Pokhami N. of road ; at 9½ m. Goraghat nala. <i>Camping Ground.</i> —400 yds. N.-W., not demarcated. <i>Water.</i> —From wells, for 200 men only. Between August and March, 2 tanks, one fit for human consumption. <i>Supplies.</i> —For one battalion.	
59m. 6f.			

AUTHORITIES.		No. of stage and total distance.	Route No. 30.
Civil.	Mili- tary.		
D. C., HOSHUNGABAD.	G. O. C., C. P. DISTRICT.	6	<p>MANDLA.—6 m. 5 f. Country open and r. s. (<math>1\frac{1}{2}</math> m.) cultivated. Made road. At <math>4\frac{1}{2}</math> m. Ekguria to right and Mahal, to left. <i>Camping Ground</i>.—400 yds. S.-W. on bank of Machar river, extensive, demarcated. <i>Water</i>.—Abundant, from river and wells. <i>Supplies</i>.—A few shops.</p>
		66 m. 3 f.	
		7	
		79 m. 7 f.	<p>HARDA.—13 m. 4 f. Country open. A b., p. o., t. s., r. s. made road. Cross several streams un- bridged. At <math>1\frac{1}{2}</math> m. Barangi r. s., at <math>2\frac{1}{2}</math> m. Barangi ; at 4 m. Kankoria ; at <math>6\frac{1}{2}</math> m. Musangaon ; at 7 m. Didla nala ; at 11 m. Kurola ; at <math>11\frac{1}{2}</math> m. Mi-kul river 100 yds. wide, at <math>12\frac{1}{2}</math> m. Anjan river. Harda is a town on Route XII. See Route XII, stage 4'</p>



## Route No. 31.

FROM GOONA TO JHANSI.

Length 104 m. 6 f.

9 Marches.

*Authority and date (month and year).—*

*Epitome.*—General direction N.-E. Road for most part neither metalled nor bridged, but practicable for all arms and wheeled transport, except in rainy season. Water for 1 battalion, and supplies on notice. The route is alternative to route No. VIII, by which distance from Goona to Jhansi, *via* Sipri, is 123 m.

By Route No. VIII from Mhow (16 marches).

AUTHORITIES.		No. of stage and total distance.	Route No. 31.
Civil.	Military.		
RESIDENT, GWALIOR.	COL. COMDT., 20TH I. I. BDE., JHANSI.	1	<p>MIANA.—17 m. 6 f. Follows Route No. VIII until nearing Miana. The road neither metalled nor bridged, but passable for all arms.</p> <p>A small town with fortress.</p> <p><i>Camping Ground.</i>—750,000 sq. yds.</p> <p><i>Water.</i>—Good for a Batn. from wells and stream (dry in hot weather) near village.</p> <p><i>Supplies.</i>—Plentiful.</p>
		2	
		17 m. 6 f.	
		27 m. 6 f.	<p>KALABAGH.—10 m. Country undulating with open jungle. Road as in last part of 1st stage. Cross the Sind (fordable but difficult) about half way.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—Small, near village and road.</p> <p><i>Water.</i>—Good, for a Batn. from well on C. G.</p> <p><i>Supplies.</i>—On notice.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 31.
Civil.	Military.		
RESIDENT, GWALIOR.  COL. COMDT., 20TH I. I. BRIGADE, JHANSI		3	RAMGARH.—12 m. Country level and partly cultivated. Road as above.
		39 m. 6 f.	A village. <i>Camping Ground.</i> —Small, near village. <i>Water.</i> —Good, but limited from spring and wells close to village. <i>Supplies.</i> —Must be collected.
		4	BARAPAHARA.—11 m. Country and road as above. A small village.
		50 m. 6 f.	<i>Camping Ground.</i> —Near village. <i>Water.</i> —Plentiful, but indifferent, from Ahair stream close to village. <i>Supplies.</i> —Scarce.
		5	MEJAPPOOR.—12 m. Country hilly and partly cultivated. Road not good.
		62 m. 6 f.	Between 10 and 11 m. descend Mejapoor Ghat, short but very stony. Ford the Mohwar <i>en route</i> . A village. <i>Camping Ground.</i> —Close to village. <i>Water.</i> —Plentiful and good, from wells and Mohar stream near village. <i>Supplies.</i> —Nil.
		6	PACHORE.—12 m. Road good but p. o. unmetalled.
		74 m. 6 f.	<i>Camping Ground.</i> —150,000 sq. yds. N.-W. of village. <i>Water.</i> —From tank to S. and two wells. <i>Supplies.</i> —

AUTHORITIES.		No. of stage and total distance.	Route No. 31.
Civil.	Mili- tary.		
COLLECTOR, JHANSI.	COL. COMDT., 20TH I. I. BDE., JHANSI.	7	LALONCH.—12 m. Road as above but may need repair. Tank at Panhari 9 m.
		86 m. 6 f.	<i>Camping Ground.</i> —S. of village. <i>Water.</i> —Four wells with trough, each watering 10 horses at a time.
		8	BILORA (OR BITHORA).—12 m. Road good.
		98 m. 6 f.	<i>Camping Ground.</i> —½ mile S. of village. <i>Water.</i> —5 wells.
		9	JHANSI.—Road good. <i>Supplies.</i> —Nil.
		104 m. 6 f.	See route VIII, Stage 34. From here by route 84 to Cawnpore.

## Route No. 32.

FROM GOONA TO TIKAMGARH TEHRI.

Length 110 m. 4 f.

11 Marches.

Authority and date (month and year).—

*Epitome.*—General direction E. by N. As far as Lalitpur it is a cart-track, impracticable in rains. From Lalitpur a metalled road. Water and supplies for a battalion.

This route connects route No. VIII, 22 and 36.

By route VIII from Mhow (16 marches.)

AUTHORITIES.		No. of stage and total distance.	Route No. 32.
Civil.	Military.		
RESIDENT, GWALIOR.	COL. COMDT., 20TH L. I. BDE., JHANSI.	1	<p>PINIGHATI.—13 m. Country undulating and jungly. Road unmetalled, impracticable for carts in rains. Pass Pagara railway station at 9½ m. and cross Sind by ford at end of stage. A very small village on right bank of Sind river. The railway passes near village. <i>Camping Ground.</i>—12,000 sq. yds. about 250 yds. from village and road. <i>Water.</i>—Abundant, from well on C. G. <i>Supplies.</i>—Must be collected.</p>
		13 m.	
		2	
		20 m.	
			<p>SHAHDAURA.—7 m. Road very roughly p. o., t. s., r. s. metalled. Country as above. A large village with an old ruined fort. <i>Camping Ground.</i>—137,280 sq. yds. close to road and village.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 32.
Civil.	Military.		
RESIDENT, GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<p><i>Water</i>.—Plentiful and good from 2 wells, one on and 100 yds. from camping ground.  <i>Supplies</i>.—Procurable.</p>
		3	<p>PACHORE.—10 m. Country level and b., p. o., t. s., p. s. mostly cultivated. A (TUMAIN). fair cart-road.  A village with small fort.  <i>Camping Ground</i>.—Close to village and railway station.  <i>Water</i>.—Plentiful and good from wells near C. G.  <i>Supplies</i>.—On notice.  A metalled road runs N. from N. Pachar to Isagarh, 33 m.</p>
		30 m.	
		4	<p>AMROD.—10 m. Country as above. Road a mere track impassable for carts in rains.  A small village.  <i>Camping Ground</i>.—Close to village and road.  <i>Water</i>.—For a battalion, from well <math>\frac{1}{2}</math> m. from camping ground.  <i>Supplies</i>.—Must be collected.</p>
		40 m.	
		5	<p>THOBAN.—10 m. Road unmetalled, and although raised and bridged, impassable in rains.  A small village.  <i>Camping Ground</i>.—S. of road near Lilar river.  <i>Water</i>.—Fair, from the Lilar close to village.  <i>Supplies</i>.—Scarce.</p>
		50 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 32.
Civil.	Military.		
RESIDENT, GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	6	CHANDERI.—11 m. At 1½ m. cross Betwa b., p. o. river. Country undulating and jungly. Road as above, not well bridged, and impracticable for carts in the rains. River Betwa forms boundary of Gwalior State and is crossed by long causeway of rough stores, under water in rains. Road from Chanderi to river Betwa is metalled.
		61 m.	A large village with hill fort.
			<i>Camping Ground</i> .—200×200 yds. close to road and village.
			<i>Water</i> .—Plentiful and good from several wells near camping ground.
COLLECTOR, JHANSI.		7	<i>Supplies</i> .—Procurable.
		70 m.	SARWARO.—9 m. Road a rough unmetalled track, but passable for carts, badly bridged. A very small village near Betwa.
			<i>Camping Ground</i> .—Large, near river.
			<i>Water</i> .—Fair, from river.
		8	<i>Supplies</i> .—Procurable at Kailwara (1½ m.).
		82 m.	LALITPUR.—12 m. Road as above. On b., p. o., t. s., r. s. route No. 22 from Kampti (30 marches) and Saugor (7 marches) to Jhansi (6 marches) and Gwalior (12 marches).
			<i>Camping Ground</i> .—27,280 sq. yds. demarcated. Near town, on Jhansi road.
			<i>Water</i> .—Plentiful, good, from a well (sometimes dry in November) and a nala ½ m. from camping ground.
			<i>Supplies</i> .—Abundant.

AUTHORITIES.		No. of stage and total distance.	Route No. 32.
Civil.	Mili- tary.		
P. A. IN BUNDEKHAND, AT NOWGONG.	COLLECTOR, JHANSI.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	
		9	<p>GUGARWARA.—12 m. 6 f. Road unmetalled; bridges over nalas; at <math>\frac{1}{2}</math> m. and 9 m. impassable in rain.</p> <p>A village.</p> <p><i>Camping Ground.</i>—Both sides of road.</p> <p><i>Water.</i>—Plentiful from Sajnam river, 600 yds. S. of road and well.</p> <p><i>Supplies.</i>—Procurable.</p>
		94 m. 6 f.	
		10	<p>BANPUR.—9 m. 4 f. Country jungly. Road as above. Cross Utnai Nadi.</p> <p>A large village.</p> <p><i>Camping Ground.</i>—<math>\frac{1}{4}</math> m. W. of village.</p> <p><i>Water.</i>—From wells.</p> <p><i>Supplies.</i>—Plentiful.</p>
		104 m. 2 f.	
		11	<p>TIKAMGARH-TEHRI.—6 m. 2 f. Country b. p. r. and road as above. Cross Jamna Nadi in this stage, passable except in rains.</p> <p>A large, well-built town with fort.</p> <p><i>Camping Ground.</i>—16,000 sq. yds., 600 yds. N.-E.</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>—Plentiful; also grass available on notice.</p> <p>On route No. 36, from Saugor (7 marches) to Mau (4 marches).</p>
		110 m. 4 f.	

## Route No. 32(a).

FROM GOONA TO TIKAMGARH-TEHRI.

ALTERNATIVE ROUTE TO 32.

Length 120 m. 2 f.

11 Marches.

Authority and date (month and year).—

*Epitome.*—Stages 9 to 11. Road bridged and metalled. Bridges, in rains, sometimes impassable for 2 or 3 days at a time.

AUTHORITIES.		No. of stage and total distance.	Route No. 32(a).
Civil.	Military.		
COLLECTOR, JHANSI.	COLONEL COMMANDANT, 20TH L. I. BRIGADE, JHANSI.	1 to 8 stages.	(As in Route 32.)
		83 m. 9	KHITWANS.—12 m. Road metalled and bridged. At $\frac{1}{2}$ m. cross Shahzad river, by bridge. Pass Masaura Kalan $3\frac{1}{4}$ m. and Mirchwara 7 m. D. B. at $10\frac{3}{4}$ m. Camping Ground.—No regular ground, but plenty of space. Water.—From 3 wells, 2 in village. Supplies.—On notice.
		95 m.	
		10	MAHRONI.—12 m. Road as above. Wells p. o. t. o., tahsil at 2 m., $4\frac{1}{2}$ m., hqrs. $4\frac{3}{4}$ m., $6\frac{1}{4}$ m., $9\frac{1}{2}$ m. Cross Patna $1\frac{1}{2}$ m., Sujnam at $3\frac{1}{4}$ m., Jamni at $8\frac{3}{4}$ m., Nullahs and Jamna Nadi at $9\frac{1}{2}$ m. all bridged. Good water in all. Camping Ground.— $\frac{3}{4}$ m. S.-W. along an unmetalled Road (450×350) yds.
		107 m.	



AUTHORITIES.		No. of stage and total distance.	Route No. 32(a).
Civil.	Mili- tary.		
P. A. IN BUNDELKHAND, NOWGONG.	C. C., 20TH I. I. BDE., JHANSI.	11	<p><i>Water.</i>—Only 1 well, no other water nearer than village.  <i>Supplies.</i>—Procurable.</p> <p>TIKAMGARH-TEHRI.—13 m. 2 f. Road  <i>p. o.</i> as above, but not in such good repair.  Wells at <math>\frac{1}{2}</math> m., <math>2\frac{7}{8}</math> m., <math>3\frac{1}{2}</math> m., <math>5\frac{1}{4}</math> m., <math>8\frac{3}{4}</math> m., <math>10\frac{1}{4}</math> m., and <math>11\frac{1}{2}</math> m.  Cross the Not Hullah at <math>3\frac{1}{8}</math> m. and Jumrar at <math>8\frac{3}{4}</math> m. Both impassable during the rains.  <i>Camping Ground.</i>—800×200 yds., see route 75, stage 11.  <i>Water.</i>—Good from Wells.  <i>Supplies.</i>—Procurable.</p>
		120 m. 2f.	

## Route No. 33.

FROM BHOPAL TO LALITPUR.

Length 141 m. 5 f.

12 Marches.

Authority and date (month and year).—

*Epitome.*—General direction N.-E. Road metalled as far as Berasia, then a rough cart-track, practicable for all arms except after heavy rains. Water and supplies for 2 battalions.

By route No. 20 from Mhow (11 marches), by route No. 21 from Betul (9 marches.)

AUTHORITIES.		No. of stage and total distance.	Route No. 33.
Civil.	Military.		
P. A. IN BHOPAL, AT SEHORE.	COL. COMDT., 20TH I. I. BDE., JHANSI.	1	RATWA BANDIKHERI.—13 m. Road metalled.
		13 m.	Two villages, Ratwa on right and Bandikhera on left of road.
			<i>Camping Ground.</i> —No fixed ground.
			<i>Water.</i> —Good from two wells—one in village Ratwa, one close to nalla on W. side of road near village.
			<i>Supplies.</i> —Procurable.
		2	BERASIA.—13 m. Road as above.
		26 m.	<i>p. o.</i> A large village.
			<i>Camping Ground.</i> — $\frac{1}{4}$ m. N. of village.
			<i>Water.</i> —Good from a well 200 yds. S. of camping ground, indifferent from 2 other wells 1 on camping ground and one $\frac{1}{4}$ m. N. of village.
			<i>Supplies.</i> —Abundant.
		3	DATURIA.—12 m. Country well cultivated
		38 m.	and undulating, with a few isolated hills.

AUTHORITIES.		No. of stage and total distance.	Route No. 33.
Civil.	Mili- tary.		
P. A., IN BHOPAL, AT SEHORE, RESIDENT, GWALIOR. P. A., IN BHOPAL AT SEHORE COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI			Road a country cart-track, impracticable for carts during rains. Nalas passable in dry season. A village. <i>Camping Ground</i> .—Plenty of space. <i>Water</i> .—From wells and nala. <i>Supplies</i> .—Scanty. <i>Fuel</i> .—Plentiful.
		4 45 m. 4 f.	BARDA.—7 m. 4 f. Country partly hilly, jungle and cultivation. Road as above. A large village. <i>Camping Ground</i> .—Close to village and road. <i>Water</i> .—Good from wells near village. <i>Supplies</i> .—On notice.
		5 54 m. 5 f.	SALPARO.—9 m. 1 f. Country and road as above. Cross the Sagar (fordable except during rains) at 6 m. A small village. <i>Camping Ground</i> .—Spacious. <i>Water</i> .—From several wells and stream. <i>Supplies</i> .—Scarce.
		6 68 m. 1 f.	SIRONJ.—13 m. 4 f. Country at first undulating and jungly with hills to W., afterwards well cultivated. Road as above. Pass Khoa at 4½ m.

AUTHORITIES.		No. of stage and total distance.	Route No. 33.
Civil.	Military.		
RESIDENT, GWALIOR.	C. C., 20TH I. I. BDE., JHANSI.	7	On route No. XI from Jubbulpur to Kelat from Saugor (7 marches) to Goona (5 marches). By route 77 <i>via</i> Jhalrapatan to Kotah (13 marches). A town. <i>Camping Ground</i> .—S. of town near bungalow. <i>Water</i> .—Abundant from several wells on C. G. <i>Supplies</i> .—Plentiful.
		78 m. 7f.	DEKNAKHERA.—10 m. 6 f. Road a cart-track. Country cultivated in parts, remainder jungle. A moderate-sized village. <i>Camping Ground</i> .—Large near village. <i>Water</i> .—Plentiful and good from wells in village (for animals from nala near). <i>Supplies</i> .—Scarce.
D. C., SAUGOR.	C. C., 21ST I. I. BDE., JUBBULPORE.	8	BAHADARPUR.—14 m. Road and country as above. A small village. <i>Camping Ground</i> .—Large, near village. <i>Water</i> .—Drinkable from nala and well in village. <i>Supplies</i> .—Very scarce.
		92 m. 7f.	
		9	KANJIA.—16 m. 6 f. Country and road as above. Pass Mangavali railway station on Bina-Goona railway at 10½ m., and cross Betwa (fordable except in rains) at 12½ m.
		10 8m.5f	

AUTHORITIES.		No. of stage and total distance.	Route No. 33.
Civil.	Military.		
D. C., SAUGOR.	C. C., 21ST I. I. BDE., JUBBULPORE.	10	A moderate-sized village. <i>Camping Ground.</i> —Large, close to road and village. <i>Water.</i> —Good from wells in village. <i>Supplies.</i> —Scarce.
		119 m. 3 f.	MANIKCHOWK.—9 m. 6 f. (Dhaura 1½ r. s. m. N. of camp). Country hilly and jungly. Road as above. Cross Narain river (fordable except after heavy rain), at end of stage. A small village near Narain river. <i>Camping Ground.</i> — <i>Water.</i> —Good from wells in village. <i>Supplies.</i> —Scarce.
		11	JAKHLAUN.—9 m. 2 f. Country and road p. o., t. s. as above. A moderate-sized vil-
COLLECTOR, JHANSI.	C. C., 20TH I. I. BDE., JHANSI.	128 m. 5 f.	lage. <i>Camping Ground.</i> —50×100 yds. between road and village. <i>Water.</i> —Good from 2 wells in village. <i>Supplies.</i> —On notice (large bazar).
		12	LALITPUR.—13 m. Country level and b., p. o., t. s., p. s. mostly cultivated. Road unmetalled, but raised and bridged and in good order. By route No. 22 to Jhansi (6 marches). <i>Camping Ground.</i> —27,280 sq. yds. <i>Supplies.</i> — } <i>Water.</i> — } Plentiful.

## Route No. 34.

FROM SIRONJ TO JHALRAPATAN.

Length 116 m. 1 f.

9 Marches.

Authority and date (month and year).—

*Epitome.*—General direction W.-N.-W. A cart-track, bad for most part and stony, difficult at any time for guns or wheeled transport; some rivers impassable in rains. Water good and plentiful but supplies scarce in places. Connects Routes XI, VIII, 16, 18, 21 and 33.

AUTHORITIES.		No. of stage and total distance.	Route No. 34.
Civil.	Military.		
RESIDENT, JEYPUR.	COL. COMPT., 20TH INDIAN INFANTRY BRIGADE, JHANSI.		SIRONJ.—By route No. XI from Saugor (7 marches). Route No. 33 from Bhopal (6 marches).
		1	MOW AKHERI.—11 m. 4 f. Country hilly. Road a fair track, rises in 1st 3 m. to high tableland.
		11 m. 4 f.	A small village. Camping Ground.—W. near village (Large). Water.—Plentiful and good from 3 wells near C. G. Supplies.—On notice.
		2	MOTHI.—12 m. 4 f. Country level and chiefly cultivated.
		24 m.	Road as above, but hardly passable for laden carts in places. Cross Sindh river at 3½ m. Pass Anandpur at 6¼ m. A small village.

AUTHORITIES.		No. of stage and total distance.	Route No. 34.
Civil.	Military.		
RESIDENT, JEYPUR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	3	<p><i>Camping Ground.</i>—(Spacious) near village.  <i>Water.</i>—Good, from 2 wells on C. G., other near village.  <i>Supplies.</i>—Scarce.</p>
		39 m.	<p>BARSAD.—15 m. Country jungly with partial cultivation.  Road rough and stony, steep in places. Nalas fordable.  A large village.  <i>Camping Ground.</i>—500,000 sq. yds. near village and road.  <i>Water.</i>—Good, from wells on C. G.  <i>Supplies.</i>—Procurable.</p>
		4	<p>CHACHORA.—13 m. Country and road as p. o. above. At 1½ m. cross Parhati (fordable).  A large town, about 2 m. W. of Agar-Bombay road.  Route No. VIII from Mhow (12 marches).  To Goona (3 marches).  Crosses here ; see Route VIII, stage 20 Bina-gaon.  <i>Camping Ground.</i>—For 2 battalions, 500 yds. S.-W. of town.  <i>Water.</i>—From 4 wells on C. G. (abundant).  <i>Supplies.</i>—Plentiful.</p>
RESIDENT, GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	5	<p>MANAWAR.—16 m. Country hilly and jungly. Road a bad cart-track 6 to 10 ft. wide, steep, stony and rough in places.</p>
		68 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 34.
Civil.	Military.		
POLITICAL AGENT, KOTAH AND JHALAWAR, AT KOTAH.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<p>Nalas fordable except after heavy rain.            Pass Jaisri at 10 m.            A large walled-town on the Parwan river.  <i>Camping Ground</i>.—S. of town.  <i>Water</i>.—Good from wells and river.  <i>Supplies</i>.—Plentiful.</p>
		6	<p>CHIRAILA.—11 m. Country a broad valley. Road unmetalled but very good for 1st 8 m. Thence a rough cart-track. Cross the Parwan on starting by causeway and the Newaj (dry in hot weather at end of stage, by rocky crossing. Both unfordable after heavy rains. An alternative and better road from Manowar to Asnawar is :—</p> <p>Sirari 15 m. } Water plentiful. Road 30            Aklera 8 m. } ft. wide. Unmetalled            Aneta 9 m. } but good.            Asnawar 9 m.</p> <p>A large village.  <i>Camping Ground</i>.—12,000 sq. yds., on bank of Newa river 1 m. before reaching village.  <i>Water</i>.—Good from wells and Newa river.  <i>Supplies</i>.—Plentiful.</p>
		79 m.	
		7	<p>BANAIGA.—13 m. Country hilly, with cultivation in villages. Road a bad cart-track, rough and stony in parts, but fairly level. Pass Kejra at 1½ m. and cross Chapi (generally unfordable in rains) at end of stage. A village on Chapi Nadi.</p>
		92 m.	



AUTHORITIES.		No. of stage and total distance.	Route No. 34.
Civil.	Mili- tary.		
P. A., KOTAH & JHALAWAR, AT KOTAH.	C. C. 30TH I. I. BDE., JHANSI.	8	<p><i>Camping Ground.</i>—10,000 sq. yds. W. of vil- lage. <i>Water.</i>—From wells and nadi. <i>Supplies.</i>—Very scarce.</p> <p>ASNAWAR.—13 m. 3 f. Country jungly. <i>p. o.</i> Road bad until it reaches Goona-Nee- much road. (Route No. 18) at Amerta 4 m. 5 f. <i>Camping Ground.</i>—280 × 150 yds. W. of road on far side of village. <i>Water.</i>—Plentiful, good, from wells to Ujar stream, and for animals from Ujar. <i>Supplies.</i>—Procurable.</p>
		105 m. 3f.	
		9	<p>JHALRAPATAN.—10 m. 6 f. By route 18 <i>p. o.</i> to Neemuch (18 mar- ches). By route No. 18 to Agar (4 marches).</p>
		116 m. 1f.	

## Route No. 35.

FROM SIRONJ TO BIAORA.

Length 52 m. 6 f.

3 Marches.

Authority and date (month and year).—

*Epitome.*—A cart-track over black cotton soil, passable by all arms in the dry season, impassable in the rains. This route shortens the distance between Saugor and Agar by 3 marches.

AUTHORITIES.		No. of stage and total distance.	Route No. 35.
Civil.	Military.		
POLITICAL AGENT, BHOPAL, AT SEHORE. GENERAL OFFICER COMMANDING, C. P. DISTRICT.		1	SIRONJ.—On Main Route XI (See Route b., p. o., r. s. XI, stage 11).
		18 m. 4 f.	LATERI.—18 m. 4 f. Road a cart-track over black cotton soil, impassable for wheel- ed transport in the rains. At 4 m. Bardhai ; at 6 m. Babrod ; at 8 m. Russia ; at 10½ m. Balampur ; at 12 m. Morarwas ; at 15 m. Mundra. Lateri is a village of 800 houses in Tonk State. <i>Camping Ground.</i> —150 yds. W. of village, for one cavalry regt. <i>Water.</i> —From good wells close to C. G. <i>Supplies.</i> —On notice. Abundant fuel and fodder.
		2 38 m. 2 f.	SOTALA.—19 m. 6 f. Country at first p. o. hilly and enclosed ; afterwards open and undulating with grass and scrub jungle.

AUTHORITIES.		No. of stage and total distance.	Route No. 35.
Civil.	Military.		
POLITICAL AGENT, BHOPAL, AT SEHORE.			<p>Road generally a country cart track impassable in the rains ; the portion between Naikilla and the Parbatti river (5 m.) is metalled.</p> <p>The Parbatti, 200 yds. wide, is fordable except in the rains, when a boat (capacity 10 men) is used.</p> <p>At 2 m. Nooli ; at 4 m. Mahan ; at 8 m. Tajpur ; at 9½ m. Niakilla ; at 10½ m. Narkhera with space for C. G. and supplies for a regt. for one day ; at 14½ m. Parbatti river ; at 15 m. Agarapura ; at 16 m. Parsana ; at 17½ m. Sotala.</p> <p>Sotala is a village of about 700 houses in the Rajgarh State.</p> <p><i>Camping Ground.</i>—250 yds. W. of village, black cotton soil for one cavalry regt.</p> <p><i>Water.</i>—Several wells, two with troughs (20 horses each).</p> <p><i>Supplies.</i>—Fuel scarce, fodder plentiful, grain, etc., available.</p>
GENERAL OFFICER COMMANDING, C. P. DISTRICT.		3	
		52 m. 6 f.	<p>BIAORA.—14 m. 4 f. Road a cart-track over black cotton soil</p> <p><i>p. o., r. s.</i> impassable in the rains. Country at first undulating and cut up by nalas ; last 5 m. level. At 1 m. Khandi ; at 4½ m. Gondor ½ m. S. ; at 5½ m. Baliapura ; at 7½ m. Jopla ; at 10½ m. Barkhera ½ m. N. and at 11 m. Lodipura ½ m. S. E.</p> <p>On main route VIII (see route VIII, stage 18).</p>

# Route No. 36.

FROM SAUGOR TO MAU.

Length 114 m. 3 f.

11 Marches.

Authority and date (month and year).—Executive Engineer, Plateau Division, Central Provinces, April 1923.

Epitome.—General direction north by east.—Road metalled throughout and passable by all arms and wheeled traffic. Also fit for Motors so far as the Section is concerned, i.e., up to mile 42.

AUTHORITIES.		No. of stage and total distance.	Route No. 36.
Civil.	Military.		
D. C., SAUGOR.	COLONEL COMMANDANT, 21ST L. I. BRIGADE, JUBBULPURA.	1	RANIPURA.—8 m. 6 f. Country open and uncultivated. Road metalled and bridged. A small village about 4 f. to the south of camping ground.
		8 m. 6 f.	Camping Ground.—24.66 acres, east of road at road side. Water available from a well situated in the camping ground.
		2	BANDRI.—9 m. Country and road as above. Ground partly cultivated. A small village at road side about 4 f. to the south of camping ground.
		17 m. 6 f.	Camping Ground.—52 acres—2 roads, 21 poles east of road at road side. Water available from a well situated in the camping ground.
		3	RAJWAN.—9 m. 2 f. Country and road as above. Ground not cultivated. A small village at road side about 4 f. S. of camping ground.
		27 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 36.
Civil.	Military.		
D. C., SAUGOR.	C. C., 20TH I. I. BRIGADE, JHANSI COL. COMDT., 21ST I. I. BRIGADE, JUBBULPORE.	4	<p><i>Camping Ground.</i>—47 acres—3 roads, 13 poles close by, on both sides of road.</p> <p><i>Water.</i>—Available from a well situated in the camping ground.</p>
		38 m. 3 f.	<p>MALTHONE.—11 m. 3 f. Country and road and as above.</p> <p>Ground not cultivated.</p> <p>A small village to the south of camping ground about 3 f. away.</p> <p><i>Camping Ground.</i>—53 acres—1 rood, 5 poles. East of road, 22 chains, away from road. There is a kacha approach road which starts from furlong stone 3 of m. 39.</p> <p><i>Water.</i>—Available from a well situated in the camping ground and also from a tank about 2 f. off to the S. E.</p>
		5	<p>SAIDPUR.—9 m. 4 f. Country chiefly jungle. Road as above. A village.</p> <p><i>Camping Ground.</i>—180 × 180 yds. near road and <math>\frac{1}{2}</math> m. N. W. of village.</p> <p><i>Water.</i>—Brackish but drinkable from wells on and near, and (for animals) from a tank close to C. G.</p> <p><i>Supplies.</i>—Scarce.</p>
COLLECTOR, JHANSI.	C. C., 20TH I. I. BRIGADE, JHANSI COL. COMDT., 21ST I. I. BRIGADE, JUBBULPORE.	6	<p>MAHRONI.—13 m. Country open and cultivated. Road metalled and bridged.</p> <p>Pass Nainwar at <math>4\frac{3}{4}</math> m.</p> <p>A good-sized village.</p>
		58 m. 1 f.	

## Route No. 36.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR, JHANSI.			
COL. COMDT., 20TH I. I. BRIGADE, JHANSI.		7	<p><i>Camping Ground.</i>—450 × 350 yds. <math>\frac{3}{4}</math> m. from village.</p> <p><i>Water.</i>—Good, from wells in village and one near C. G.</p> <p><i>Supplies.</i>—Procurable.</p>
		71 m. 3 f.	<p>TIKAMGARH-TEHRI.—13 m. 2 f. b., p. o. Country chiefly jungle.</p> <p>Road as above. At 9 m. cross Jamrar nadi, impassable in very heavy floods only.</p> <p>A large walled town, with a fort.</p> <p><i>Camping Ground.</i>—16,000 sq. yds. on road side <math>\frac{3}{4}</math> m. N. of town.</p> <p><i>Water.</i>—Good, from 3 wells near C. G.</p> <p><i>Supplies.</i>—Plentiful.</p> <p>By route 75 to Goona (11 marches).</p> <p>By route 79 to Jhansi (5 marches), road bad.</p>
		8	<p>MAJNA.—12 m. Country broken and chiefly jungle.</p> <p>Road metalled and fair. Pass Lachmanpur at <math>4\frac{1}{2}</math> m.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—On roadside close to village.</p> <p><i>Water.</i>—Plentiful, good, from 2 wells, near, and a tank <math>\frac{1}{4}</math> m. from C. G.</p> <p><i>Supplies.</i>—Scarce.</p>
POL. AGENT, BUNDHELKHAND, AT NOWGONG.		9	<p>JATARA.—12 m. Country and road as above. Nalas only</p>
		95 m. 3 f.	<p>b., p. o. heavy rain.</p> <p>impassable after very</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 36.
Civil.	Military.		
POL. AGENT, BUNDHELKHAND, AT NOWGONG.	COL. COMDT., 20TH I. I. BRIGADE, JHANSI.		<p>A large village on E. edge of a large tank.  <i>Camping Ground.</i>—275 <math>\times</math> 200 yds. on the bank of tank close to town.  <i>Water.</i>—From tank close to C. G.  <i>Supplies.</i>—On notice.            From Jatarā by route 80 to Nowgong (2 marches), an indifferent cart track.</p>
		10	BAMORI.—10 m. Country and road as above.
		105 m. 3f.	<p><i>Camping Ground.</i>—400 <math>\times</math> 150 yds.  <i>Water.</i>—Good.  <i>Supplies.</i>—Procurable.</p>
		11	MAU.—9 m. Road as above.
		114 m. 3f.	<p><i>Camping Ground.</i>—229, 460, sq. yds. 1½ m. S.-E. of town.  <i>Water.</i>—Plentiful, good, from 2 wells on C. G.  <i>Supplies.</i>—Abundant.            By route No. VIII W. to Jhansi 4 marches, 40½ m. and E. to Nowgong, 2 marches, 23½ m.</p>

## Route No. 37.

TIKAMGARH TEHRI TO JHANSI.

Length 58 m.

5 Marches.

*Authority and date (month and year).—*

*Epitome.*—General direction N. by W. A very bad road, unsuitable for guns or wheeled transport. Water plentiful throughout, but supplies scarce in parts. A better but longer route No. 32 to Mau, and thence by route No. VIII to Jhansi 8 marches 83 $\frac{1}{2}$  m.

From Saugor by Route 36, 7 marches, 66 $\frac{1}{4}$  m.

AUTHORITIES.		No. of stage and total distance.	Route No. 37.
Civil.	Military.		
POLITICAL AGENT, BUNDHELKHAND, AT NOWGONG.	C. C., 20TH I. I. BDE., JHANSI.	1	<p>BILGAM.—9 m. 4 f. No camping ground. Country partly cultivated. Road metalled and bridged as far as Sidhgaona, then not metalled but bridged yet road is in bad condition, and hardly passable for loaded carts.</p> <p>A very small village.</p> <p>Camping Ground.—150 × 150 yds. Not regular ground but space.</p> <p>Water.—Plentiful and good from 3 wells in field near, and, for cattle from small tank <math>\frac{1}{2}</math> m. from C. G.</p> <p>Supplies.—Scarce.</p>
		9 m. 4 f.	
		2	<p>BAMORI.—12 m. 1 f. Track in bad condition from Degora to Bamori.</p> <p>Country undulating and jungly.</p> <p>A village.</p> <p>Camping Ground.—400 × 150 yds. Not regular but space.</p>
		21 m. 5 f.	



## Route No. 37.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
COL. AT JHANSI, P. A., BUNDELKHAND AT NOWGONG.	COL. COMDT., 30 <sup>TH</sup> L. I. BRIGADE, JHANSI.	2	<p><i>Water</i>.—Plentiful, good, from 5 wells in fields near C. G. (for animals from tank <math>\frac{3}{4}</math> m. off C. G.).</p> <p><i>Supplies</i>.—Scarce.</p> <p>DEGORA.—6 m. 2 f. Road unmetalled but bridged yet in bad condition.</p> <p><i>Camping Ground</i>.—Not regular.</p> <p><i>Water</i>.—Plenty from wells and tanks.</p> <p><i>Supplies</i>.—Procurable.</p> <p>PIRTHIPUR.—12 m. 6 f. Country and road as above. Pass <i>via</i> Geora and Birora. 4 m., 7 m., two good-sized villages.</p> <p><i>Camping Ground</i>.—42,000 sq. yds. near road and <math>\frac{1}{2}</math> m. from village.</p> <p><i>Water</i>.—Plentiful and good from wells near C. G., for animals from tank <math>\frac{1}{2}</math> m. off.</p> <p><i>Supplies</i>.—On notice.</p> <p>BARWA SAGAR.—12 m. 7 f. } By Route No. VIII.</p> <p>JHANSI.—10 m. 6 f.</p>
		21 m. 5 f.	
		3	
		34 m. 3 f.	
		4	
		47 m. 2 f.	
		5	
		58 m.	

## Route No. 38.

FROM JATARA TO NOWGONG.

Length 29 m.

2 Marches.

Authority and date (month and year).—

*Epitome.*—Direction N.-E. by E. An indifferent cart-track, passable by all arms and wheeled transport in dry weather.

By Route No. 36 from Saugor 9 marches, 90 m. 2 f.

AUTHORITIES.		No. of stage and total distance.	Route No. 38.
Civil.	Military.		
A. P., BUNDHELKHAND, AT NOWGONG.	C. C., 20th I. L. BRIGADE, JHANSI.	1	<p>PALERA.—13 m. Country broken and chiefly jungle. Road an indifferent track. Cross the Ur-Nala (impassable after heavy rain) at about 7 m. A village.</p> <p><i>Camping Ground.</i>—Small, <math>\frac{1}{4}</math> m. W. of village.</p> <p><i>Water.</i>—Plentiful, good, from 2 wells S. and close to C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		13 m.	
		2	
		29 m.	
			<p>NOWGONG.—16 m. Country and road as above. Cross the Dhasan (impassable in flood) at 7 m. by a ford about a mile from Garauli (a village on right bank) or ferry, 1 boat carrying 30 men.</p> <p>On Route No. VIII and 24.</p>

## Route No. 39.

FROM LAKHANDON TO NARSINGHPUR.

Length 39 m. 6 f.

4 Marches.

Authority and date (month and year).—Road Map, Jubbulpur District, 1905.

Epitome.—General direction N.-W. A good road, metalled and motorable all seasons. Connects Routes No. VI, XII and 22.

On route No. VI from Nagpur (11 marches) to Jubbulpur (4 marches).

AUTHORITIES.		No. of stage and total distance.	Route No. 39.
Civil.	Military.		
DEPUTY COMMISSIONER, NARSINGHPUR.	COLONEL COMMANDANT, 21st INDIAN INFANTRY BRIGADE, JUBBULPUR.	1	PARASEA.—11 m. 2 f. Pass Surmangni, Pipuria, and Joba. Country level at first,
		1 m. 2 f.	then hilly. A village with inspection hut. <i>Camping Ground.</i> — <i>Water.</i> —Procurable. <i>Supplies.</i> —Procurable.
		2	GURURWARA.—9 m. 4 f. Country hilly. Pass Ghorabibi, Khapa, and Bhonti.
		20 m. 6 f.	Cross Sherer. A village. <i>Camping Ground.</i> — <i>Water.</i> —Procurable. <i>Supplies.</i> —Procurable.
		3	KURKHIYA.—9 m. 4 f. Road 1st class, metalled. Pass Khumuria, Bukori, Buba-
		30 m. 2 f.	ria.

AUTHORITIES.		No. of stage and total distance.	Route No. 39.
Civil.	Mili- tary.		
D. C., NARSINGH. UR.	C. C., 21ST L. I. BRIGADE, JUBBUL- PUR.	4	<p>A village.  <i>Water.</i>—  <i>Supplies.</i>—  <i>Camping Ground.</i>—</p> <p>NARSINGHPUR.—9 m. 4 f. Road as  above. Pass Dangi-  dana, on Route Nos.</p> <p>XII and 22.  To Jubbulpur (6 marches) my Route XII.  To Hoshungabad (11 marches) by Route  XII.  To Saugor (9 marches) by Route 22.</p>
		39 m. 6 f.	

**Route No. 40.**

FROM SEONGI TO CHHINDWARA.

*Length 152 m. 1 f.**13 Marches.**Authority and date (month and year).—**Epitome.*—General direction N. To Barha Balaghat, then W by N. Metalled and motorable in dry weather; unbridged crossings:—

- (1) Sarathi river in mile 40 from Balapat.
- (2) Bagh river in mile 14 from Balapat.
- (3) Ghisri river in mile 12 from Ragagaon.
- (4) Nallas in miles 18, 23 and 27 from Gondia towards Arjuni.

Connects Routes Nos. VII, VI and 22.

On route No. VII from Nagpur (7 marches) and Raipur (11 marches).

AUTHORITIES.		No. of stage and total distance.	<b>Route No. 40.</b>
Civil.	Military.		
DEPUTY COMMISSIONER, BHANDARA.	COL. CMD., 21ST I. I. BRIGADE, JUBBULPUR.	1	PALUSGAON.—10 m. A 1st class metalled road.
		10 m.	At 1½ m. leave route No. VII and turn N. at Khomara. Pass Arjuni (large village with Bungalow), cross nala, pass Pursuri, Dongargaon, and Dawa. A village. <i>Camping Ground.</i> —Kept clear of brush-wood. <i>Water.</i> —Plentiful. <i>Supplies.</i> —On notice.
		2	MANDISAR.—7 m. 6 f. Road as above.
		17m. 6f.	b. A village. <i>Camping Ground.</i> — <i>Water.</i> —Plentiful; large tank about ¼ m. N.-W. <i>Supplies.</i> —On notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 40.
Civil.	Military.		
D. C. OF BHANDARA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.	3	<p>GONDIA.—11 m. 7 f. A railway junction b., p. o., t. s., r. s. Jubbulpur-Gondia line (2' 6" gauge) branch- es off from main Bengal-Nagpur line here.</p> <p>Camping Ground.—No fixed place. Water.—Plentiful. Supplies.—Plentiful.</p>
		29 m. 5 f.	
		4	
D. C. OF BALAGHAT.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.	39 m. 7 f.	<p>KANTI.—10 m. 2 f. Road as above, run- ning E. of railway.</p> <p>A village.</p> <p>Birsola railway station is about 2 m. W.</p> <p>Camping Ground.— Water.—Procurable. Supplies.—Procurable.</p>
		5	
		54 m. 7 f.	
D. C. OF BALAGHAT.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.	6	<p>BARHA BALAGHAT.—15 m. Road as above.</p> <p>b., p. o., t. s., r. s.</p> <p>A small town and Headquarters of Civil district.</p> <p>Camping Ground.—Good. Water.—Plentiful. Supplies.—Plentiful.</p>
		70 m. 6 f.	
			<p>LALBURRA.—15 m. 7 f. Road Moorumed and partly bridged. Cross Winganga at 1 m. and Sarati at end of stage. Branch road to SSomnapur railway station 7 m. A moderate-sized village. Camping Ground.—A little shade.</p>

AUTHORITIES.		Na. of stage and total distance.	Route No. 40.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF BALAGHAT.  COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.		7	<p><i>Water.</i>—Plentiful. <i>Supplies.</i>—Moderate.</p>
		84 m. 6f.	<p>BEHRAL.—14 m. Road 1st class. Pass several small villages and nalas, and at 10 m. ascend ghat 3 m. long. Small village. <i>Camping Ground.</i>—Nil. <i>Water.</i>—1 well only, near b., which dries up in summer. <i>Supplies.</i>—Scarce.</p>
		8	<p>BARGHAT.—11 m. Road as above.</p>
		95 m. 6f.	<p>A large village. <i>Camping Ground.</i>—Nil. <i>Water.</i>—From wells. <i>Supplies.</i>—Plentiful for 1 battalion; 150 carts procurable for transport.</p>
		9	<p>109 m. 6f.</p> <p>SEONI.—14 m. Road 1st class, metalled. b., p. o., t. s., r. s. Pass several villages.</p> <p>A large town and civil station. <i>Camping Ground.</i>—N. of town. <i>Water.</i>—Abundant and good from pakka wells and water holes. <i>Supplies.</i>—Abundant.</p> <p>On route No. VI from Nagpur (7 marches) to Jubbulpore. To Jubbulpore (8 marches). On Nainpur-Chindwara branch (2' 6" gauge) of Bengal-Nagpur railway.</p>

## Route No. 40.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
D. C. AT SEONI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.	10	KOHAK.—12 m. 4 f. Road as above, running alongside railway line.
		122 m. 2 f.	A small village, near Pepardahee station. <i>Camping Ground.</i> — <i>Water.</i> —From wells. <i>Supplies.</i> —On notice.
		11	CHAURAI.—9 m. 3 f. Cross several nalas t. s., r. s.
		136 m. 5 f.	as above. A large village. <i>Camping Ground.</i> — <i>Water.</i> —From wells. <i>Supplies.</i> —Abundant.
		12	UMARIA.—11 m. Road as above. Cross r. s. (JHILMILLI). Pench river (bridged) and several nalas.
		142 m. 5 f.	A small village, near Jhilmilli station. <i>Camping Ground.</i> —Cultivated and not kept cleared. <i>Water.</i> —From pakka well. <i>Supplies.</i> —On notice.
D. C. AT CHINDWARA.		13	CHHINDWARA.—10 m. 1 f. Road as above.
		152 m. 1 f.	b., p. o., t. s., r. s. <i>Camping Ground.</i> —Good, locally known as Gulab Rai Amrai. <i>Water.</i> —Abundant. <i>Supplies.</i> —Abundant. On Route No. 22 from Kamptee (6 marches) to Sangor (17 marches); Jhansi (30 marches) and Gwalior (36 marches). Route No. 25 to Pachmari 8 marches.



## Route No. 41.

FROM NANDGHAT TO BILASPUR.

Length 31 m. 4 f.

3 Marches.

*Authority and date (month and year).*—Under order of Officer Commanding, 21st Indian Infantry Brigade, Jubbulpur. 1921.

*Epitome.*—General direction N.-N.-E. Good road, but not motorable in the rains at present.

A moorum surfaced road.

Water sometimes scarce in hot weather. Connects Routes 27 and 28.

AUTHORITIES.		No. of stage and total distance.	Route No. 41.
Civil.	Military.		
D. C., RAIPUR.	COL. COMDT., 21ST I. I. BDE., JUBBULPUR.	1	NANDGHAT.—13 m. 3 f. From Raipur by route 27 in 4 marches.
		14 m.	SARGAON.—14 m. Good moorum road ten to twelve feet wide. No bridges between $4\frac{1}{2}$ m. and $5\frac{1}{2}$ m. A small village. <i>Camping Ground.</i> — <i>Water.</i> —Indifferent, from one tank and four wells, scarce in summer. <i>Supplies.</i> —On notice.
D. C., BILASPUR.	COL. COMDT., 21ST I. I. BDE., JUBBULPUR.	2	HIRI.—7 m. 4 f. Road as above.
		21 m. 4 f.	A small village. <i>Camping Ground.</i> — <i>Water.</i> —From tank and 2 wells. <i>Supplies.</i> —On notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 41.
Civil.	Mili- tary.		
D. C. BILASPUR.	C. C., 21ST L. I. BDE., JUBBULPUR.	3	BILASPUR.—10 m. Road a fair-weather <i>b., p. o., t. s., r. s.</i> track. Pass several small villages and nalas. <i>Camping Ground.</i> — <i>Water.</i> —Plentiful. <i>Supplies.</i> —Plentiful at one week's notice. To Sambalpur by route 28, 12 marches.
		31 m. 4f.	

## Route No. 42.

FROM JHANSI TO KALPI.

Length 90 m. 3 f.

10 marches.

Authority and date (month and year).—Officer Commanding,  
116th Bty. R. F. A. October 1921.

*Epitome*.—General direction N.-E. Connects Jhansi with Cawn-  
pore. Road metalled and bridged throughout.

Water plentiful; supplies scarce in parts.

The road runs parallel and close to the Jhansi-Lucknow branch  
of the Great Indian Peninsula Railway.

AUTHORITIES.		No. of stage and total distance.	Route No. 42.
Civil.	Mili- tary.		
COLLECTOR, JHANSI.	C. C., 20TH I. I. BDE., JHANSI.	1	BARAGAON.—8 m. 7 f. Road good, well b., p. o. shaded, metalled and bridged. Country chiefly jungle.
		8 m. 7 f.	Rocky and hilly in places. At 6½ m. cross canal (24 ft. wide, 6 ft. deep). At 7¾ m. pass Buchaolee (b.). A village. Camping ground.—410×350 yds., close to village, demarcated, liable to be flooded in rains. Water.—Good, from 2 wells on C. G. Supplies.—On notice.
		2	CHIRGAON.—8 m. 5 f. Country and road b., p. o., t. s., r. s. as above. At 4½ m. cross Betwa canal (35 ft. deep, 35 yds. wide, at top; 8 yds. at bottom; steep banks; single girder
		17 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 42.
Civil.	Military.		
D. C., ORAL.	COLLECTOR, JHANSI.		bridge, stone piers). Railway crosses canal by iron bridge $\frac{1}{2}$ m. N. Near Paricha Betwa river is dammed, above dam deep and unfordable at most points. A village.
		3	<i>Camping Ground</i> .—310×250 yds. close to village, with good shade, demarcated. <i>Water</i> .—Good well in P. W. D. Bungalow across road from C. G. <i>Supplies</i> .—On notice.
		25 m.	SEMRI.—7 m. 4 f. Country cultivated. Road as above. A small village.
		4	<i>Camping Ground</i> .—320×320 yds., demarcated; close to village. <i>Water</i> .—Good; from well between main road and C. G. <i>Supplies</i> .—Scarce.
		32 m. 4 f.	MOTH.—7 m. 4 f. Company and road as above. At $3\frac{1}{2}$ m. pass Umra, large village (post-office), commanded by native fort 200 yds. N. of road. P. W. D. Bungalow. A village.
D. C., ORAL.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	5	<i>Camping Ground</i> .—34,800 sq. yds. close to village and road. Demarcated. <i>Water</i> .—Good from wells near C. G. <i>Supplies</i> .—Plentiful.
		41 m.	PUNCH.—8 m. 4 f. Road as above. p. o., t. s., r. s.

AUTHORITIES.		No. of stage and total distance.	Route No. 42.
Civil.	Military.		
DEPUTY COMMISSIONER, ORAI.  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			<p><i>Camping Ground.</i>—280×260 yds. close to road and village, demarcated, surrounded on N.-E. and N.-W. by deep cutting forming escape to Hamirpur canal.</p> <p><i>Water.</i>—Plentiful and good from 2 wells on C. G.</p> <p><i>Supplies.</i>—On notice.</p> <p>Branch metalled road S.-E. to Mau, 35 m. (Route VIII), <i>via</i> Gursarai (18 m.).</p>
		6	JAKHOLI.—9 m. 2 f. Country flat, open p. o., t. s. and cultivated. Road as above. Pass
		50 m. 2 f.	Perona about halfway.
		7	GIRTHAN.—10 m. 1 f. Pass Ait (p. o.) 5 m.
		60 m. 3 f.	<i>Camping Ground.</i> —390×390 yds., near village.
			<i>Water.</i> —2 wells.
		8	<i>Supplies.</i> —Scarce.
		70 m. 1 f.	ORAI.—9 m. 6 f. Pass Kaitar 3 m. 6 f. p. o. t. s. r. s. Rina 6 m. 6 f. small town. Civil station.
			<i>Camping Ground.</i> —60,000 sq. yds.
			<i>Water.</i> —5 wells in and near Collector's bungalow.
		9	<i>Supplies.</i> —Abundant.
		79 m. 7 f.	ATA.—9 m. 6 f. Pass Banad 6 m. 2 f. p. o. t. o., b. Rahia. 3 m. 6 f.
			<i>Camping Ground.</i> —500×400 yds. N. road opposite (o. s.).
			<i>Water.</i> —2 Bns. well.

AUTHORITIES.		No. of stage and total distance.	Route No. 42.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, ORAI.	C. C., 20TH L. I. BDE, JHANSI	10	<p>KALPI.—10 m. 4 f. Pass Aosurgaon 3 m.  <i>p. o., t. o., p. s., b.</i> 2 f. Turns right  bank Jamna. Cross  Jamna 3 f. past Kalpi. Pontoon bridge  dry season. Ferry rains (5 large boats).  <i>Camping Ground.</i>—400×300 yds. 1 m.  from river on Orai Road.  <i>Water.</i>—Well.  <i>Supplies.</i>—Abundant.  Connects with U. P. Dist. No. 23.</p>
		90 m. 3 f.	



## Route No. 43.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
D. C., DAMOH.	C. C., 21ST I. I. BDE., JUBBULPUR.	3	<p><i>Camping Ground.</i>—166,490 sq. yds.  <i>Water.</i>—From 1 well and rivers.  <i>Supplies.</i>—On notice.</p>
		25 m.	<p>KOOMHAREE.—7 m. 4 f. Country and road as above. Cross Bairma (bed rocky 200 yds. wide, approaches steep, by ford in dry weather, by ferry (2 boats carrying 12 men) in rains. At 5 m., descends a steep Ghat.  A moderate-sized village.  <i>Camping Ground.</i>—147,620 sq. yds.  <i>Water.</i>—Good and ample from a baori and tank.  <i>Supplies.</i>—Procurable.</p>
P. A., BUNDELKHAND.	C. C., 20TH I. I. BDE., JHANSI.	4	<p>RAIPURA.—9 m. 5 f. Road difficult for guns on account of 2 stony ghats, 1 at 2½ m., length 2¼ m. The other at end of stage, length 1 m. Cross 3 large nalas, approaches steep, and 5 small hill streams, bed stony, by fords.  A large village.  <i>Camping Ground.</i>—400×300 yds. not demarcated, 800 yds. W. of village.  <i>Water.</i>—Plentiful and good from a stream, wells, and tank near C. G.  <i>Supplies.</i>—On notice.</p>
	C. C., 21ST I. I. BDE., JUBBULPUR.	34 m. 5 f.	
D. C., JUBBULPUR.		5	<p>BARTALLA.—6 m. 7 f. Country and road as above. Pass Hirapur at 3 m. and Burgain at 4 m. Cross 3 nalas by easy fords.</p>
		41 m. 4 f.	



AUTHORITIES.		No. of stage and total distance.	Route No. 43.
Civil.	Military.		
P. A., IN BAGHELKHAND AT SUTNA.	D. C. AT JUBBULPUR.		<p>A small village.  <i>Camping Ground.</i>—24,000 sq. yds. 400 yds. W. of village.  <i>Water.</i>—From well (disinfected periodical-ly), and stream; also a large tank 500 yds. S. of C. G.  <i>Supplies.</i>—On notice.</p>
		6	<p>HARDWARA.—8 m. Country jungle with sparse cultivation.  Road unmetalled, but bridged, suitable for all arms. Pass Mobunsi at 3 m., Rita at 5 m., Rithi railway station on Bina-Katni line, and Dhonia at 6 m.</p>
P. A., IN BAGHELKHAND AT SUTNA.	D. C. AT JUBBULPUR.	49 m. 4 f.	<p>A small village.  <i>Camping Ground.</i>—700 yds. E. of village.  <i>Water.</i>—From Kan river and 2 wells in village.  <i>Supplies.</i>—On notice.</p>
		7	<p>PURAINA.—7 m. 7 f. Road unmetalled and P. A. IN BUNDEL- stony in places.  KHAND. Cross river (fordable except after heavy rain) at 6½ m.</p>
P. A., IN BAGHELKHAND AT SUTNA.	D. C. AT JUBBULPUR.	57 m. 3 f.	<p>A village.  <i>Camping Ground.</i>—380×130 yds. 700 yds. S. of village.  <i>Water.</i>—Plentiful and good from 3 wells on and 1 near C. G.; also 2 tanks 700 yds. S. of village.  <i>Supplies.</i>—On notice.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 43.
Civil.	Military.		
P. A. IN BACHELHAND AT SUTNA.	C. C., 20TH I. I. BRIGADE, JHANSI.	8 70 m. 6 f.	<p>SUBAHGANJ.—13 m. 3 f. Road as above for 7 m. Then metalled. Cross Alone river at 3½ m. by ford (25 ft. wide, water 3 ft. bed rocky, and difficult). At 7 m. joins Route XII near Jukehi station (on East Indian Railway). On Route No. XIII to Rewah (5 marches). <i>Camping Ground.</i>—185×170 yds. 3 f. N. E. of village, demarcated. <i>Water.</i>—2 wells near C. G. <i>Supplies.</i>—On notice.</p>

## Route No. 44.

FROM WARORA TO DHAMTARI.

Length 243 m. 6 f.

22 Marches.

Authority and date (month and year).—Under order of Officer Commanding, 21st Indian Infantry Brigade, Jubbulpur.

Epitome.—Direction S.-E. to Chanda; then N.-E. For the first few stages the road is either metalled or made, after which it is a cart-track, practicable for all arms and for wheeled transport. Supplies are scarce at most places, and water is scarce, especially in hot weather.

This Route connects Routes VI and 27.

AUTHORITIES.		No. of stage and total distance.	Route No. 44.
Civil.	Military.		
DEPUTY COMMISSIONER, CHANDA.	C. C., 21ST I. I. BRIGADE, JUBBULPUR.		WARORA.—On route VI. <i>p. o., t. s., r. s.</i>
		1	BHANDUK.—12 m. A made road.
		12 m.	CHANDA.—15 m. Made road. Not motor- <i>r. s.</i> able.
		27 m.	On the Wanda- Chanda branch of the Great Indian Peninsula Railway.
		3	TAMPTA.—15 m. Road metalled.
		42 m.	Camping Ground.—1 mile beyond village on Andaree river. Water.—From river. Supplies.—

AUTHORITIES.		No. of stage and total distance.	Route No. 44.
Civil.	Military.		
DEPUTY COMMISSIONER, CHANDA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.	4	MUL.—12 m. Road metalled. Cross
		54 m.	p. o. Andaree river at 5 m.
			A large village.
			Camping Ground.—
			Water.—
			Supplies.—
			} Plentiful.
		5	VIHAD.—15 m. Road as above. Cross
		69 m.	p. o. Mul river.
			A large village.
			Camping Ground.—No regular ground.
			Water.—Plentiful.
			Supplies.—On notice.
			GARCHI ROLI.—10 m. Murham road.
		79 m.	Cross Wainganga river near Waghole.
			Camping Ground.—
			Water.—
			Supplies.—
			} As above.
		7	WAIRAGARH.—17 m. Cross Katanee
		96 m.	p. o. river and Kophra-
			garhee river.
			A large village.
			Camping Ground.—
			Water.—
			Supplies.—
			} As above.
		9	BHARKUNDI.—12 m. 3 f. Road a sandy
		108 m. 3f.	carttrack. Village in
			middle of rice fields.

AUTHORITIES.		No. of stage and total distance.	Route No. 44.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, CHANDA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.		<i>Camping Ground.</i> — <i>Water.</i> —Tank and well. <i>Supplies.</i> —From Armori.
		9	SIRSUNDI.—8 m. 4 f. Road as above. A small village.
		116 m 7 f.	<i>Camping Ground.</i> —None fixed but a clear space available. <i>Water.</i> —From nala. <i>Supplies.</i> —Scarce.
		10	KATEJARI.—10 m. 1 f. Road over sandy and black soil.
		127 m.	A small village in clearing in jungle. <i>Camping Ground.</i> — <i>Water.</i> —From nala. <i>Supplies.</i> —Scarce.
		11	KORACHA.—12 m. 2 f. A good cart-road A small village.
		139 m. 2 f.	<i>Camping Ground.</i> — <i>Water.</i> — <i>Supplies.</i> —
		12	KOTHRI.—11 m. 4 f. Road over rock. A small village.
		150 m. 6 f.	
			<i>Camping Ground.</i> —On right bank of river. <i>Water.</i> —Scarce in dry season. <i>Supplies.</i> —Scarce.

AUTHORITIES*		No. of stage and total distance.	Route No. 44.
Civ il.	Mili- tary.		
P. A., C. P. FEUDATORIES AT RAIPUR.	D. C., CHAND.		
		13	DAMAKASA.—12 m. 1 f. Road as above. A small village.
		162 m. 7f.	Camping Ground.—Nil. Water.—Abundant, from nala. Supplies.—Scarce.
		14	BANSLA.—9 m. 4 f. Cart track. Soil rocky. A small village at foot of isolated black rocks.
		172m. 3f.	Camping Ground.— Water.—Abundant, from tanks. Supplies.—Scarce.
		15	BHANVERA.—11 m. 5 f. Road cart-track. Pass several nalas and villages. A small
		184m.	village. Camping Ground.—In deserted village. Water.—Scanty, from nalas. Supplies.—Scarce.
	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.	16	SAWARGAON.—6 m. 6 f. Road as above. A large village.
		190m. 6f.	Camping Ground.—Good. Water.—Abundant. Supplies.—On notice.
		17	MANPUR.—10 m. 3 f. Pass several nalas and villages. Road as above. A small
		201m. 1f.	village.

AUTHORITIES.		No. of stage and total distance.	Route No. 44.
Civil.	Mili- tary.		
D. C. AT RAIPUR.	P. A., CHHATTISGARH FEUDATORIES AT RAIPUR.		
D. C. AT RAIPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.	18	<i>Camping Ground.</i> — <i>Water.</i> —Plentiful. <i>Supplies.</i> —Scarce.
		209m. 6.	KANELI.—8 m. 5 f. Road as above. A large village. Residence of a Maharaja.
		19	<i>Camping Ground.</i> — <i>Water.</i> —Plentiful. <i>Supplies.</i> —Moderate on notice.
		217m. 6f.	KURNA.—8 m. Road as above. Pass a river and nalas. A small village.
		20	<i>Camping Ground.</i> — <i>Water.</i> —Plentiful from Mahanadi. <i>Supplies.</i> —As above.
D. C. AT RAIPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.	226m. 6f.	HALBA.—9 m. Road as above. Pass a few rivers. A small village.
			<i>Camping Ground.</i> —No regular ground. <i>Water.</i> —Plentiful, from tank. <i>Supplies.</i> —As above.
		21	LAKRI.—7 m. Road as above. A small village.
		233m. 6f	<i>Camping Ground.</i> — <i>Water.</i> — <i>Supplies.</i> —

AUTHORITIES.		No. of stage and total distance.	Route No. 44.
Civil.	Mili- tary.		
D. C. AT RAIPUR.	G. C. C. 21ST L. I. BDE, JUBBULPUR.	22	DHAMTARI.—10 m. Road as above. A p. o., t. s., r. s. large village.  <i>Camping Ground.</i> — <i>Water.</i> —Plentiful, from several tanks and wells. <i>Supplies.</i> —Procurable. By route No. 27 to Raipur, 4 narches, 3½ m.
		243m. 6f.	



## Route No. 45.

FROM EDALABAD TO ASIRGARH.

Length 41 m. 5 f.

3 Marches.

Authority and date (month and year).—2nd Lieutenant Hawson, 6th Inskilling Dragoons, February 1911.

Epitome.—General direction. N.-N.-E. A good made road except for last 10 m., which is a jungle track with rocky ascents and descents.

AUTHORITIES.		No. of stage and total distance.	Route No. 45.
Civil.	Military.		
DEPUTY COMMISSIONER, NIMAR, AT KHANDWA.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES, DISTRICT.		EDALABAD.—By Route 13. Volume VI (1910) from Aurangabad in 8 marches.
		1	ICHAPUR.—9 m. 6 f. Road metalled for 2 m., p. o. the remainder made road.
		9 m. 6 f.	A village of 528 houses. <i>Camping ground</i> .—23 acres, 350 yds. S.-E. of village on bank of nala; wasteland, demarcated with pillars. <i>Water</i> .—Three pakka wells and nala. <i>Supplies</i> .—Scarce, likewise transport.
		2	BURHANPUR.—14 m. 1 f. Made road at b., p.o., t.-s., r.-s. 4 f. cross Dhamni 2 m. from C. G. (not bridged, banks high, bed gravel; approaches steep); at 7 m. 2½ f. Badkhera; at 7 m. 4 f. cross Tapti river (250 yds. wide, bed rocky, banks high) by causeway in fair weather, by large boat in rains; at 7 m. 6 f. Hutnur; at 10 m. 3 f. Pandarol nala, bed sandy.
		23 m. 7 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 45.
Civil.	Military.		
DEPUTY COMMISSIONER, NIMAR, AT KHANDWA.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	3	<p>A large walled town.</p> <p><i>Camping Ground.</i>—21 acres demarcated.</p> <p><i>Water.</i>—Abundant.</p> <p><i>Supplies.</i>—</p> <p>A small amount of transport available. Here joins Main Route III.</p>
		41 m. 5 f.	<p>ASIRGARH.—17 m. 6 f. At 1 m. pass Sindhi- ura gate of city at 2 m. Borgaon a suburb of Burhanpur, to left, Cross Utanli river, 100 yds. wide, bed muddy, banks easy. Cart- track to Chandni (r.-s.) to right on crossing river. At 4 m. 2 f. Utanli river; at 5 m. 4 f. nala, dry bed, steep banks, 50 ft. wide; 6 m. 4 f. cross railroad; at 6½ m. Nimbola; at 8 m. 6 f. Jhiri; at 14 m. 6 f. road to Chandni; at 16 m. village of Asir.</p> <p>Small village; Asirgarh fort deserted.</p> <p>Road Burhanpur to Jhiri made road. Jhiri to 14½ m. hilly and rocky; 14½ m. to 15½ m. metalled Country Jhiri to Asir jungle.</p> <p><i>Camping Ground.</i>—1 m. 6 f., N. of village of Asir no shade, waste land, demarcated.</p> <p><i>Water.</i>—Bad.</p> <p><i>Supplies.</i>—No shops; no transport available. By Route No. III to Mhow (9 marches).</p>

## Route No. 46.

FROM NOWGONG TO REWAH *via* CHHARTARPUR  
PANNA-NAGODE-SUTNA.

*Authority and date (month and year).—*(By R. G. A., October 1921).

*Distance 132 m. 4 f.*

*11 Marches.*

AUTHORITIES.		No. of stage and total distance.	Route No. 46.
Civil.	Mili- tary.		
P. A. BUNDELKHAND AT NOWGONG.			NOWGONG.
		1	CHHARTARPUR.—14 m. 5 f. Country cul- p. o., t. o. tivated and road quest house. metalled. Nullahs bridged. Pass Mau 4 m.
		14 m. 5f.	A large town. <i>Camping Ground.</i> —760 × 320 yds. 1 m. S.-E. of city. <i>Supplies.</i> —Plentiful. <i>Water.</i> —Ample and good. From 3 wells at corners of C. G.
		2	BASARI.—10 m. 4 f. Country undulating, with low jungle and a moderate amount of cultivation. Road as above. Pass Ganwara 3½ m. and B chpura at 6½ m. A fair sized village. <i>Campeng Ground.</i> —300 × 150 yds. ½ m. S.-W. of village and S. of road. <i>Supplies.</i> —On a week's notice to Chhartarpur.
		25 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 46.
Civil.	Military.		
P. A. BUNDELKHAND AT NOWGONG.			<p><i>Water</i>.—Good, from 2 wells (1 dry in hot weather but other contains ample supply) close to C. G.</p>
		3	<p>KISARGANJ.—10 m. 4 f. Country and road as above, except less cultivated. Pass Ganj (Inspection Bungalow) at 3 m. and Pahari 8 m. and Ghoura at 8½ m. (Punna State).  <i>Small village.</i>  <i>Camping Ground</i>.—280 yds. × 200 yds. S. of road 100 yds. W. of junction of Kirraha road and 1 m. N. of village.  <i>Supplies</i>.—On 10 days' notice from Chhartarpur.  <i>Water</i>.—Good from 2 wells, one S.-W. and other N. of C. G.</p>
	35 m. 4 f.		
		4	
	45 m.		<p>MARLA.—9 m. 4 f. Country and road as above. Cross river by causeway just before arriving.  <i>Ferry</i> during rains (2 boats for 50 men, several small for 6 men).  <i>Small village</i> Punna State.  <i>Camping Ground</i>.—140 yds. × 100 yds.  <i>Supplies</i>.—One week's notice to Punna.  <i>Water</i>.—Good from 3 wells and Ken river.</p>
		5	<p>PANNA.—11 m. 4 f. Country no cultivation, <i>p.o.t. s., b., guest house.</i> hilly and jungly.  Road as above reach Mandla Ghat 1 m.</p>
	56 m. 4 f.		

AUTHORITIES.		No. of stage and total distance.	Route No. 46.
Civil.	Military.		
P. A. BAGHELKHAND AT SUTNA.			Small town. <i>Camping Ground</i> .—In Mango grove S.-W. of town and $\frac{1}{2}$ m. from main road. <i>Supplies</i> .—Ample. <i>Water</i> .—Good from 2 wells on C. G.
		6	PARADIA (NOT FARARATIDLA).—15 m. <i>p. o., t. s. b.</i> Country undulating very little cultivation
		7 (m. 4 f.)	Road as above. Pass Sahanya 8 m. and bungalow 3 m. Small village in Ajaigarh State. <i>Camping Ground</i> .—350 yds. $\times$ 350 yds. 200 yds. W. of village. <i>Supplies</i> .—2 days' notice. <i>Water</i> .—Good from well S. of C. G.
		7	NAGODE.—13 m. 4 f. Country slightly un- <i>p. o., t. s., b.</i> dulating and well cultivated.
		85 m.	Road as above. Pass Sundra at 5 m and Congorla at 9 $\frac{1}{2}$ m. Large town. <i>Camping Ground</i> .—In Mango grove N. of town. <i>Supplies</i> .—Ample. <i>Water</i> .—Good from 2 wells on C. G.
		6	SUTNA.—16 m. 4 f. Country undulating <i>p. o., t. s., r. s., b.</i> partially cultivated.
		101 m. 4 f.	Road as above. Pass Sahawal ( <i>p. o., et.</i> ) 11 $\frac{1}{2}$ m. (1 m. S. of road). Small civil station. <i>Camping Ground</i> .—Near road 1 m. N. W. of town and adjoins bungalow.

AUTHORITIES.		No. of stage and total distance.	Route No. 46.
Civil.	Mili- tary.		
			<p><i>Supplies.</i> --Plentiful.  <i>Water.</i>—Good from well S.-E. corner of C. G.</p>
		9	<p>MADHOGARH.—5 m. 4 f. Country and road  <i>p.o., Ins. bung.</i> as above. Cross  river just before ar-  riving by causeway in dry season and ferry in  rains (1 boat 40—50 men).  Small village (Rewah State).  <i>Camping Ground.</i>—S. of road and 300 yds. E.  of Tonse river.  <i>Supplies</i>—Available.  <i>Water.</i>—Good from 4 wells and Tonse river.</p>
		107 m.	
		10	<p>RAMPUR.—3 m 6 f. Country flat and culti-  <i>p.o., Ins bung.</i> vated. Road as above.</p> <p>Medium sized village (Rewah State.)  <i>Camping Ground.</i>—N. of road.  <i>Supplies.</i>—On notice.  <i>Water.</i>—From well in bungalow compound  also from Naar Nadi.</p>
		116 m. 6 f.	
		11	<p>REWAH.—15 m. 6 f. Country and road as  <i>p.o., t.s., Ins. bung.</i> above Pass Bela  2 guest houses. 8½ m.</p> <p>Large town  <i>Camping Ground.</i>—N. of road just before cross-  ing river.  <i>Supplies.</i>—Ample.  <i>Water.</i>—Good from well S. E. corner of C. G.  and from Bihar river close to C. G.</p>
		132 m 4 f.	

## Route No. 47.

FROM KUNCH TO KUTHAUND *via* JALAUN.

Length 32 m. 7 f.

4 Stages.

Authority and date (month and year).—Jhansi Brigade, 1922.

*Epitome.*—General direction N.-E., raised, bridged, country flat, cultivated, wooded; water good, plentiful, on notice civil. Connects with route 42 and U. P. Dist. route 25.

AUTHORITIES.		No. of stage and total distance.	Route No. 47.
Civil.	Military.		
DEPUTY COMMISSIONER OF JALAUN (ORAI).	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	1	BHERE.—7 m 3 f. Road unmetalled bad in rains; pass Pachipura 5 m. <i>Camping Ground.</i> —450 × 200 N.-E. village. <i>Water.</i> —Wells.
		7m. 3f.	
		2	JALAUN.—10 m. Road as stage 1: pass p.o., t.o., b. Chanikhas 5 m., Lora 7 m.  Road S. E. to Orai 13 m. <i>Camping Ground.</i> —350 × 200.
		17m. 3f.	
		3	HADRUKH.—8 m. Road metalled; cross p.o., b. Malanga stream 4 m. 6 f. pass Maikur 6 m. <i>Camping Ground.</i> —Extensive, sides road S. E. village <i>Water.</i> —1 battalion well.
		25m. 3f.	
		4	KUTHAUND.—7 m. 4 f. Road metalled, pass Alampur, 2 m. 2 f., Harsingpur 4 m. 4 f. <i>Camping Ground.</i> —400 × 200 near village. <i>Water.</i> —1 battalion well, tank.
		32m. 7f	

## Route No. 48.

(Connects with U. P. District No. 18 and Main Route VII.)

FROM BANDA TO KHOKHIRAJ.

Length 79 m. 4 f.

6 Stages.

*Authority and date.*—20th Indian Infantry Brigade, Jhansi, 1922.

*Epitome.*—General direction E. by N. Unmetalled, unbridged impassable wheeled traffic rains, streams, rivers fordable dry season only; country flat, cultivated, water good, plentiful, supplies on notice civil.

AUTHORITIES.		No. of stage and total distance	Route No. 48.
Civil.	Military.		
COLLECTOR OF BANDA.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	1	TINDWARI.—14 m. 4 f. Metalled from $1\frac{1}{2}$ m.
		14 m. 4 f.	Camping Ground.—350 × 310 yds. S. of road. $1\frac{1}{2}$ m. S. village. Water.—Tank.
		2	BABERU.—10 m. Cart track, pass Har-doli. $8\frac{3}{4}$ m. Tola
		24—4.	$6\frac{3}{4}$ m. Cross Gorara stream 4 m. village (tehsil). Camping Ground.—340 × 250 yds. N. of road $\frac{3}{4}$ m. W. Water.—Tank.
		3	KAMASIN.—12 m. 2 f. Cart track; pass Barhas 6 m. Daloura
		36 m. 6 f.	$5\frac{1}{2}$ m. Unirani $3\frac{1}{2}$ m. (tehsil). Camping Ground.—400 × 260 $\frac{1}{4}$ m. E. village Water.—Tank.



AUTHORITIES.		No. of stage and total distance.	Route No. 48.
Civil.	Military.		
COLLECTOR OF A LAHABAD.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	4	RAJAPUR.—15 m. Cart track over broken country cross Paisuni stream 9½ m. ferry rains, Bagain stream 4½ m.; no ferry.
		51m. 6f.	<i>Camping Ground</i> .—300 × 150. yds.
		5	SARSAWAN.—12 m. Road raised, good, Cross Jumna (½ m. wide) at Noabasta ½ m. Ferry (17 large, 15 small boats); large town (see Route No. 3 stage); road metalled. S. W. to Karwai ((r. s.) 17 m.
		63m. 6f.	<i>Camping Ground</i> .—240 × 140 yds. 2 f. W. of Bazzar.
		6	<i>Water</i> .—1 bn., well, tank.
		79m 4 f.	KHOKHIRAJ.—15 m. 6 f. Metalled from 6 m. 6 f. bridged, cross Jumna 14 m. 6 f. ferry; Pass Bharwari (r. s.). 13 m. 6 f. Cross Sasser—Kaderi r. 7 m. 6 f. <i>Camping Ground</i> .—

(Connects with U. P. District No. 3 and Main Route VIII.)

**Route No. 49.**

FROM BANDA TO RAJAPUR.

Length 54 m. 3 f.

4 Stages.

Authority and date.—20th Indian Infantry Brigade, Jhansi, 1922.

AUTHORITIES.		No. of stage and total distance.	Route No. 49.
Civil.	Military.		
COLLECTOR, ALIAHABAD.	COLLECTOR OF BEVARAS.	1	BILGAON.—12 m. Metalled for 4 m. bridged.
		12 m.	Camping Ground.—S. of Road, W. of village 240 × 120 yds. Water.—Well.
		2	ORAN.—14 m. 3 f. Bridged for 1 m. 3 f. pass Bisundra (Busra) 5 m. 7 f.
		14 m. 3 f.	G. C. here. Camping Ground.—S. of Road. Water.—Well.
		3	PAHARI.—15 m. Cross Paisuni 9 m. 4 f. Bagain 7 m. both fordable ex-
COLLECTOR, ALIAHABAD.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	15 m.	cept after heavy rain. Camping Ground.—4 f. N. of village. Water.—2 Tanks. Well.
		4	RAJAPUR.—13 m. Pass Rajanpura 10 m. Cross Chan, r. 7 m. ford.
		13 m.	Camping Ground.—300 × 150 yds. 2 f. S. of Town Water.—Wells. Supplies.—Abundant.

## Route 50.

FROM CHANDLA TO CHARKHAIRI.

Length 39 m. 6 f.

3 Stages.

Authority and date.—20th Indian Infantry Brigade,  
Jhansi, 1922.

Epitome.—General direction N. W., metalled, bridged.

Country.—Undulating, cultivated.

Water.—Good, plentiful.

Supplies.—On notice civil.

AUTHORITIES.		No. of stage and total distance.	Route No. 50.
Civil.	Military.		
POLITICAL AGENT, BUNDELKHAND, NOWGONG.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	0	CHANDLA.—Large village in Charkhari State <i>Camping Ground</i> .—Extensive, 2 f. S. village.
		0	<i>Water</i> .—Well, Ajaigarh (p. o.), 15 m. S. E., bad road.
		1	LAURI.—12 m. 4 f. Road cart track, un- bridged, pass
		12 m. 4 f.	Moneri 8 m. 4 f., large village in Chhatapur State. <i>Camping Ground</i> .—Extensive, near road, N. village. <i>Water</i> .—Well.
COLLECTOR OF HAMIRPUR.		2	MAHOBA.—15 m. 4 f. Pass Juraha 7 m.; cross p. o., t. o., r. s., b. Kel r. 5. m. 2 f., un- bridged, impassable in flood. Road metalled.
		28 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 50.
Civil.	Mili- tary.		
POL. A. BUNDEKHAND, NOWGONG.		3	CHARKHARI.—11 m. 4 f. Cross Railway near Mahoba (r.s.) 2m. 4f. large town, capital Charkhari State. <i>C. G.</i> .—Extensive, W. road 4 f. S. W. town. <i>Water.</i> .—3 wells. <i>Supplies.</i> .—Abundant.
		39 m. 4 f.	

## Route No. 51.

FROM SISOLAR TO MOHANA *via* ORAI.

Length 95 m. 3 f.

9 Stages.

Authority and date.—20th Indian Infantry Brigade, Jhansi 1922.

*Epitome.*—General direction W. by N., unmetalled, unbridged, good, difficult wheeled traffic rain, rivers and stream fordable dry season only, country flat, open, partially cultivated, water good, plentiful, supplies procurable.

AUTHORITIES.		No. of stage and total distance.	Route No. 51.
Civil.	Mili- tary.		
COLLECTOR OF JALAUN (ORAI). COLLECTOR OF HAMIRPUR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		SISOLAR.— <i>p. o.</i> <i>C. G.</i> —270 × 200.
		1	MAUDHA.—9 m. Cross Chandrawal r. 4 m. <i>p. o.</i> 4 f. fordable in dry weather, not in rains.
		9 m.	Road unmetalled unfit for transport in rains. <i>C. G.</i> —70,000 sq. yds. N. village. <i>Water.</i> —Wells. <i>Supplies.</i> —Abundant.
		2	BEWAR.—13 m. Road raised, bridged (see <i>p. o.</i> Route stage)
		22 m.	<i>C. G.</i> —330 × 320.
		3	JALALPUR.—12 m. Road unmetalled Cross <i>p. o.</i> Birma r. 6 m. Ferry rains (2 small boats)
		34 m.	See Route , stage <i>C. G.</i> —460 × 440 on hill 1 m. from river
		4	PARASSAN.—10 m. Road much cut up by nullahs impassable wet weather; cross
		44 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 51.
Civil.	Military.		
POLITICAL SECRETARY TO H. H. MAHARAJAH SINDIA RESIDENT, GWALIOR.	COLLECTOR OF JALAUN (ORAI),  COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		Betwa R. 4 f. ferry rains (2 boats each 30 men). <i>C. G.</i> —E. of village. <i>Water.</i> —One well.
		5	KARMER.—10 m. Impassable wheeled traffic rains.
		54 m.	<i>C. G.</i> —250×150 N. road 4 f. and E. village. <i>Water.</i> —Well.
		6	ORAI.—6 m. (See route stage). <i>p. o., t. o., r. s., b.</i>
		60 m.	<i>C. G.</i> —60,000 sq. yds.
		7	JALAUN.—13 m. Metalled, pass Kuhargaon <i>p. o., t. o.</i> 6 m. Bhitara 11 m.
		73 m.	4 f. <i>C. G.</i> —350×200 S. road 4 f. from town. <i>Water.</i> —3 wells.
		8	BANGRA.—10 m. 5 f. Metalled 6 m. pass <i>p. o., b.</i> Chegra 4 m. Kumsara; 5 m. 4 f. Revra 7 m.
		83 m. 5 f.	4 f. <i>C. G.</i> —400×400 W. of canal. <i>Water.</i> —2 bns., 2 wells.
		9	MOHANI.—12 m. Pass Gopalpura 6 m. 4 f. <i>p. o.</i> Cross Pahuj R. 7 m. always fordable,
		95 m. 5 f.	pass Muhoi 7 m. 2 f. Chandouk 12 m. <i>C. G.</i> —150×120 E. of village S. road. <i>Water.</i> —2 wells. <i>Supplies.</i> —Scarce.

## Route No. 52.

FROM HARPALPUR TO KALPI *via* RATH.

Length 64 m. 4 f.

8 Stages.

Authority and date.—20th Indian Infantry Brigade, Jhansi, 1922.

*Epitome*.—General direction N. by E., unmetalled, unbridged, very heavy and difficult rains; rivers, streams fordable dry season only; country low-lying, cultivated; water good, plentiful, supplies procurable.

AUTHORITIES.		No. of stage and total distance.	Route No. 52.
Civil	Military.		
COLLECTOR OF HAMIRPUR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	1	MAHOBA.—5 m. 6 f. Cross Kewaru stream, unmetalled 1 m. always fordable except in rains. <i>C. G.</i> —54,560 sq. yds., E. village. <i>Water</i> .—11 wells (9 in village).
		5 m. 6 f.	
		2	PANWARL.—7 m. 2 f. Road unmetalled, <i>p.o.</i> flooded rains; pass Bahadurpur, 3 m. 2 f. <i>C. G.</i> —26,000 sq. yds., S. E. village, S. Kulpahar Panwari road. <i>Water</i> .—27 wells (24 in village), tank.
		13 m.	
		3	NAKRA.—4 m. Village on Kewaru stream. <i>C. G.</i> —58,030 sq. yds., E. road S. village. <i>Water</i> .—Water of village wells is brackish, stream.
		17 m.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR OF JALAUN (ORAI).	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		

## Route No. 52.

		4	RATH.—9 m. Cross Kewaru stream 4 f. ; ferry p. o., b.
		26 m.	road. C. G.—197,230 sq. yds.
		5	JARIYA.—11 m. 4 f. Pass Kamharia 3 m. p. o. Pawal 10 m. unmetalled.
		37 m. 4 f.	C. G.—120×65 near road 2 f., E. village. Water.—Wells, tanks.
		6	CHANDAUT.—11 m. Road unmetalled, cross p. o. Parwan nullah 5 m. 4 f.
		48 m. 4 f.	C. G.—248,050 sq. yds. S. Betwa r. 2 f. W. vil- lage. Water.—5 wells. r.
		7	ITAURA.—9 m. Cross Betwa r. 4 f ferry rains p. o. (2boats).
		57 m. 4 f.	C. G.—60,000 sq. yds.
		8	KALPI.—7 m. (See Route No. 24).
		64 m.	

## Route No. 52.



## Route No. 53.

FROM BANDA TO MANIKPUR.

Length 60 m. 7 f.

6 Stages.

Authority and date.—20th Indian Infantry Brigade, Jhansi, 1922.

Epitome.—General direction S.-E. Metalled, bridged, all arms, country level, cultivated, water good.

AUTHORITIES.		No. of stage and total distance.	Route No. 53.
Civil.	Military.		
COLLECTOR OF BANDA.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		BANDA—
			<i>p.-o., t.-o., r.-s., b.</i> Camping Ground.—370 × 100.
		1	KHURHAND.—16 m.
		11 m.	<i>p.-o., r.-s.</i> Camping Ground.—140 × 135 4 f. S. of village. Water.—2 wells.
		2	BADAUSA.—16 m. 1 f. Gross Bagain stream
		16 m 1f.	<i>p.-s., r.-s.</i> 15 m. 6 f.; ferry when water high (2 boats each 14 men). Camping Ground.—150 × 140 S. of road. Water.—Bagain, stream.
		3	AKBARPUR.—7 m. 1 f.
		7m. 1f.	<i>r.-s.</i> Camping Ground.—150 × 140 S. of Road. Water.—Well.

AUTHORITIES.		No. of stage and total distance.	Route No. 53.
Civil.	Mili- tary.		
COLLECTOR OF BANDA.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	4	KARWL.—10 m. Cross Peshni stream 7 m. 4 f. Batwa r. 1 m. 2 f. (no Bridges) both
		10 m.	fordable.
		5	<i>Camping Ground.</i> —440×180 1 m. E. (r.-s.). <i>Water.</i> —Well.
		6m. 1f.	AINCHWARA.—6 m. 1 f. Cross Dhan stream 5 f.
		6	<i>Camping Ground.</i> —530×300 4 f. W. of village. <i>Water.</i> —Well.
		9m. 6f.	Bhilpurwa (r.s.) 4 m. distance. MANIKPUR.—Country some hills jungle. p.-o., t.-o., r.-s., b. <i>Camping Ground.</i> —Small near village. <i>Water.</i> —Tank.

## Route No. 54.

FROM SAIDNAGAR TO KUNCH *via* ORAI.

Length 32 m. 6 f.

3 Stages.

*Authority and date.*—20th Indian Infantry Brigade, Jhansi, 1922.*Epitome.*—General direction N.-W. ; metalled, good.*Country.*—Flat, cultivated.*Water.*—Good, plentiful.*Supplies.*—Abundant.

AUTHORITIES.		No. of stage and total distance.	Route No. 54.
Civil.	Military.		
DEPUTY COMMISSIONER OF JALAUN (ORAI).	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	0	SAIDNAGAR.—Large village.
		0	<i>Camping Ground.</i> —300 × 250, W. rd. N. village.
		1	<i>Water.</i> —Wells.
		12 m.	<i>Supplies.</i> —Good grazing camels.
		2	ORAI.—12 m. Road metalled, unbridged, cross
		24 m.	<i>p.-o., t.-o., r.-s., b.</i> numerous nullahs.
		32 m.	Alternate route
		6 f.	metalled, much longer <i>via</i> Ait ( <i>p.-o., r.-s.</i> )
			6 m., thence 14 m. by Cawnpore-Jhansi road.
		2	HARDOL.—12 m. Murora, 3 m. Usur-
		24 m.	gaon 5 m. Muafli 9 m.
		3	<i>Camping Ground.</i> —250 × 200 2 f. N. village.
			<i>Water.</i> —Slightly brackish, 2 wells.
			<i>Supplies.</i> —Scarce.
		3	KUNCH.—8 m. 6 f. Pass Puniara 3 m. 4 f.
		32 m.	<i>p.-o., t.-o., b.</i> Bhudari 5 m.; town.
		6 f.	
			<i>Camping Ground.</i> —230 × 210, 1 m. E.
			<i>Water.</i> —1 bn., well.

## Route No. 55.

FROM RATH TO KALPI *via* JALALPUR.

Length 43 m. 4 f.

4 Stages.

Authority and date.—20th Indian Infantry Brigade, Jhansi, 1922.

*Epitome.*—General direction N., unmetalled, unbridged, heavy and swampy, unfit traffic during rains, country low lying, cultivated, water good, plentiful supplies on notice civil.

AUTHORITIES.		No. of stage and total distance.	Route No. 55.
Civil.	Military.		
COLLECTOR OF JALAUD (ORAI).	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	0	RATH.—Large town (see route 56, stage 0). <i>p.-o., b.</i> <i>Camping Ground.</i> —197,230 sq. yds.
		1	AMUND.—10 m. 4 f. Pass Bhapur Nandi 6 m. cross Byra 8 m. 4 f. ford except in flood, which subsides quickly. Village left bank Byra R. and unmetalled. <i>Camping Ground.</i> —143,950 sq. yds., N. village. <i>Water.</i> —Wells, stream.
		2	PALALPUR.—13 m. Road unmetalled. Pass <i>p.-o.</i> through Saida State first 4 f. large village right bank Betwa.
		23 m. 4 f.	<i>Camping Ground.</i> —460 × 440 on hill 1 m. from river. <i>Water.</i> —Well and from river. <i>Supplies.</i> —On previous notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 55.
Civil.	Military.		
COLLECTOR OF JALAMN.	COLONEL COMMANDANT, 90TH INDIAN INFANTRY BRIGADE, JHANSI.	2	<p>ITAURA.—13 m. Cart track scarcely defined;  <i>p.-o.</i> cross Betwa R. 1 m.,  ford dry season ferry rains (2 boats each  30 men).  <i>Camping Ground.</i>—600,000 sq. yds. 2f. W. village  <i>Water.</i>—Well.</p>
		36m. 4f.	
		4	
		43m. 4f.	<p>KALPI.—7 m. (<i>see route 56, Stage 7, and Route 24.</i>)</p>

## Route No. 56.

FROM RATH TO KALPI via HAMIRPUR.

Length 77 m. 7 f.

7 Stages.

Authority and date.—20th Indian Infantry Brigade, Jhansi, 1922.

*Epitome*.—General direction N. unmetalled, unbridged, impassable troops rains; country level, cultivated; water good, plentiful, supplies on notice Civil.

AUTHORITIES.		No. of stage and total distance.	Route No. 56.
Civil.	Military.		
COLLECTOR OF HAMIRPUR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	0	RATH.—Road all arms; large town. <i>p.-o., b.</i>
		00	Camping Ground.—197,230 sq. yds. (swamp rains) 4 f. N.-E. town. Water.—Wells. Supplies.—Abundant.
		1	MASKARA.—16 m. 4 f. Pass Dhanauri 6 m. <i>p.-o., b.</i> 4 f., cross Birma r. (subject heavy floods)
		16 m. 4 f.	12 m. 4 f. ford dry season, ferry rains (one boat small). Camping Ground.—32,060, sq. yds. N.-W. village. Water.—Well.
		2	BEWAR.—12 m. Pass Baswari 3 m. Chilli 7 m. <i>p.-o.</i> unmetalled road, partly bridged.
		28 m. 4 f.	Camping Ground.—330 × 320 near village, N. road. Water.—2 bns. wells.

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